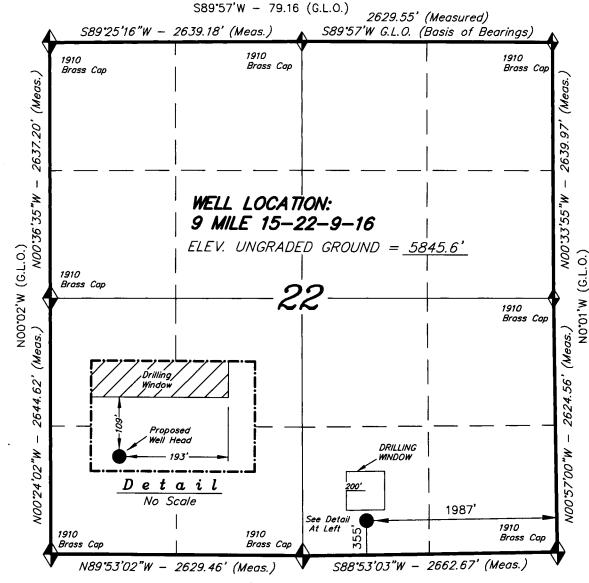
Form 3160-3 (September 2001)				FORM APP OMB No. 1 Expires Janua	004-0136
UNITED STATE: DEPARTMENT OF THE II BUREAU OF LAND MANA	NTERI			5. Lease Serial No. UTU-7439	2
APPLICATION FOR PERMIT TO D				6. If Indian, Allottee of N/A	r Tribe Name
la. Type of Work: DRILL REENTE	ER			7. If Unit or CA Agreen	nent, Name and No.
				N/A  8. Lease Name and Wel	LNI
1b. Type of Well: 🖾 Oil Well 🚨 Gas Well 🚨 Other	[	Single Zone  Multi	iple Zone	Federal 15-22-9	
2. Name of Operator  Newfield Production Company				9. API Well No. 43-	013-3316
3a. Address		one No. (include area code)		10. Field and Pool, or Ex	ploratory
Route #3 Box 3630, Myton UT 84052		646-3721		Monument Butte	
4. Location of Well (Report location clearly and in accordance with At surface SW/SE 355' FSL 1987' FEL 57603	X	40,010069		11. Sec., T., R., M., or BI	•
At proposed prod. zone 442905	DY	-110.102484		SW/SE Sec. 22,	T9S R16E
14. Distance in miles and direction from nearest town or post office*				12. County or Parish	13. State
Approximatley 25.5 miles southwest of Myton, Utah				Duchesne	UT
15. Distance from proposed* location to nearest property or lease line, ft.	16. N	o. of Acres in lease	17. Spacin	g Unit dedicated to this wel	1
(Also to nearest drig. unit line, if any) Approx. 2285 t/lse, NA t/unit		2080.00		40 Acres	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1531'	19. Pr	oposed Depth 5900'		BIA Bond No. on file UTB000192	
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. A <sub>l</sub>	pproximate date work will sta	rt*	23. Estimated duration	
5846' GL		3rd Quarter 2006		Approximately seven (7) days from	spud to rig release.
	24.	Attachments			
The following, completed in accordance with the requirements of Onshor	re Oil and	d Gas Order No.1, shall be att	ached to this	form:	•
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System</li> </ol>	Lands, ti	Item 20 above). 5. Operator certific	ation.	is unless covered by an exi	
SUPO shall be filed with the appropriate Forest Service Office).		6. Such other site authorized office	•	rmation and/or plans as m	hay be required by the
25. Signature		Name (Printed/Typed) Mandie Crozier		Da	te 4/25/06
Title Refgulation Specialist	•				
Approved by Signalina	, 1	Name (Printed/Typed)		Da	nte
Traditional V	1	BRADLEY G	HILL		6-05-00
Title	1	Offi <b>environmental i</b>			
Application approval does not warrant or certify the the applicant holds le operations thereon.  Conditions of approval, if any, are attached.	egal or eq	uitable title to those rights in	the subject le	ease which would entitle the	e applicant to conduct
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it States any false, fictitious or fraudulent statements or representations as to	a crime i nany mat	for any person knowingly and ter within its jurisdiction.	d willfully to	make to any department o	r agency of the United
NoT			and the second s		

\*(Instructions on reverse)

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APR 2 6 2006

# T9S, R16E, S.L.B.&M.



S89'58'W - 79.82 (G.L.O.)

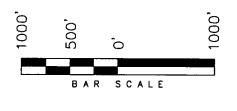
🔷 = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

9 MILE 15-22-9-16 (Surface Location) NAD 83 LATITUDE = 40°00'36.09" LONGITUDE = 110°06'10.93"

### NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 15-22-9-16, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 22, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT OFFE ABOVE PEAT WAS PREPARED FROM FIELD ROTES OF ACTUM, SURVEYS MADE BY ME OR UNDER MY SUPPRESIDENT AND THAT THE SAME ARE TRUE AND SORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEF. No. 189377

REGISTER D LAND SURVEYOR REGISTRA FONGNO. RESISTRATION OF STATE OF

# TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-5-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



June 1, 2006,

Utah Division of Oil, Gas & Mining P.O. Box 145801 Attn: Diana Whitney Salt Lake City, Utah 84114-5801

> Re: Exception Locations: Federal 11-19-9-16; Federal 14-19-9-16; UTU-74391 Federal 10-22-9-16; Federal 15-22-9-16; UTU-74392 Duschene Cty., Utah

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

Federal 11-19-9-16; 1778' FSL, 2197'FWL; 1' South, 107' East of drilling window Federal 14-19-9-16; 452' FSL, 2258' FWL; 8' South, 167' East of drilling window Federal 10-22-9-16; 1736' FSL, 2137' FEL; 56' South of the drilling window Federal 15-22-9-16; 355 FSL, 1987' FEL; 109' South of the drilling window

The attached plats depict the proposed drillsite locations and illustrate the deviation from the drilling window, in accordance with Rule R649-3-2. The requested locations have all been selected due to the extreme terrain.

The locations are found within the two federal leases referenced above. The drillsite leases and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location are owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation. We have contacted these owners and their consent to this location is attached.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,

NEWFIELD PRODUCTION COMPANY

Laurie Deseau

Properties Administrator

RECEIVED
JUN 0 8 2006

DIV. OF OIL, GAS & MINING

Exception Locations

Federal 11-19-9-16; Federal 14-19-9-16; UTU-74391 Federal 10-22-9-16; Federal 15-22-9-16; UTU-74392

Ernest L. Carroll, Senior Land Man

Please be advised that Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo l'etroleum Corporation do not have an objection to the proposed locations of the aforementioned wells.

5,

Date: May 18, 2006

Print Name and Title



April 25, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 7-19-9-16, 10-19-9-16, 11-19-9-16, 14-19-9-16, 15-19-9-16, 16-19-9-16, 15-21-9-16, 16-21-9-16, 10-22-9-16, and 15-22-9-16.

#### Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 11-19-9-16, 14-19-9-16, 10-22-9-16, and 15-22-9-16 are all Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely.

Mandie Crozier

Regulatory Specialist

mc

enclosures

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APR 2 6 2006

# NEWFIELD PRODUCTION COMPANY FEDERAL #15-22-9-16 SW/SE SECTION 22, T9S, R16E DUCHESNE COUNTY, UTAH

#### **ONSHORE ORDER NO. 1**

#### **DRILLING PROGRAM**

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

 Uinta
 0' - 2190'

 Green River
 2190'

 Wasatch
 5900'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2190' - 5900' - Oil

#### 4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

#### 6. <u>TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:</u>

Please refer to the Monument Butte Field SOP.

#### 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

#### 8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Please refer to the Monument Butte Field SOP.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

# NEWFIELD PRODUCTION COMPANY FEDERAL #15-22-9-16 SW/SE SECTION 22, T9S, R16E DUCHESNE COUNTY, UTAH

#### **ONSHORE ORDER NO. 1**

#### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #15-22-9-16 located in the SW 1/4 SE 1/4 Section 22, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly -10.9 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly -10.1 miles  $\pm$  to it's junction with an existing road to the southeast; proceed southeasterly and then northeasterly -0.9 miles  $\pm$  to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly and then northeasterly -1.5 miles  $\pm$  to the proposed well location.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

#### 3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon. Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

#### 6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

#### 8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

#### 9. WELL SITE LAYOUT

See attached Location Layout Diagram.

#### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. <u>SURFACE OWNERSHIP</u> - Bureau Of Land Management (Proposed location and access roads leading to).

#### 12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #15-22-9-16 Newfield Production Company requests 8010° of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18° crown road (9° either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 8010' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 8010° of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50° wide to allow for construction of a buried 3° steel water injection line and a buried 3° poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

#### **Exceptional Spacing**

According to Rule R649-3-2, which governs the location of wells in the State of Utah, Newfield Production is required to request administrative approval for a location exception from all non-unitized lease interest owners within a 460-foot radius of the new proposed location. Our Land Department in Denver has been notified of this exception location and will submit the required Exception Location Letter to all affected lease interest owners.

#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte. Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

### Threatened, Endangered, And Other Sensitive Species

None.

#### **Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

#### Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass

Pascopyrum Smithii

6 lbs/acre

Galletta Grass

Hilaria Jamesii

6 lbs/acre

#### **Details of the On-Site Inspection**

The proposed Federal #15-22-9-16 was on-sited on 3/17/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% open.

#### 13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

#### **Certification**

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #15-22-9-16 SW/SE Section 22, Township 9S, Range 16E: Lease UTU-74392 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

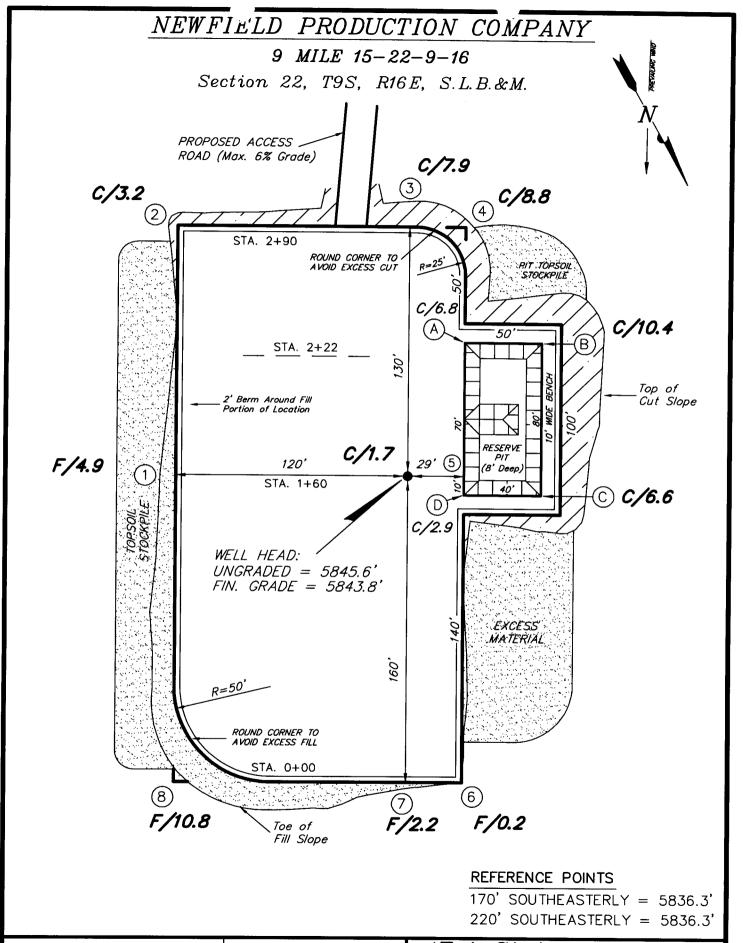
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4/25/06 Date

Mandie Crozier

Regulatory Specialist

**Newfield Production Company** 

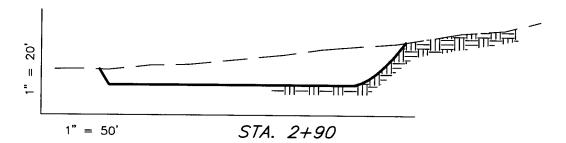


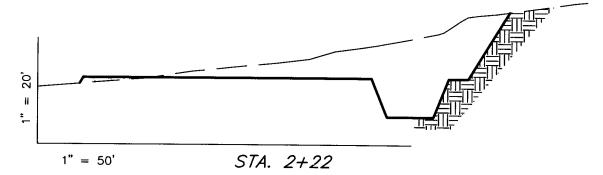
SURVEYED BY: C.M.	SCALE:	1" = 50'	Iri, State . (435) 781-2501
DRAWN BY: M.W.	DATE:	4-5-06	Land Surveying, Inc.  180 NORTH VERNAL AVE. VERNAL, UTAH 84078

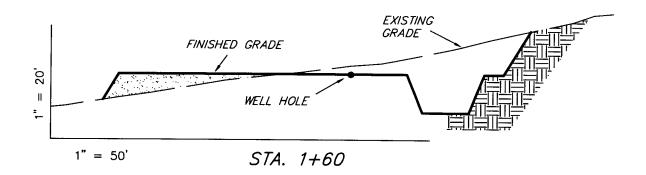
# NEWFIELD PRODUCTION COMPANY

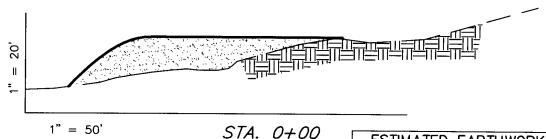
CROSS SECTIONS

9 MILE 15-22-9-16









NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1 ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,720	3,720	Topsoil is not included	0
PIT	640	0	in Pad Cut	640
TOTALS	4,360	3,720	1,050	640

SURVEYED BY:	C.M.	SCALE:	1" = 50'
DRAWN BY:	M. W.	DATE:	4-5-06

 $igwedge Tri State (435) 781-2501 \ Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078$ 

# NEWFIELD PRODUCTION CUMPANY TYPICAL RIG LAYOUT 9 MILE 15-22-9-16 PROPOSED ACCESS . ROAD (Max. 6% Grade) Emergency fuel shut down STORAGE TANK TRASH 50' FUEL ☐ TOILET BENCH RIG BASE HOUSE/WATER PARTS HOUSE TRAILERS JOM RESERVE PIT (8' Deep) 120' 40' PIPE RACKS PIPE RACKS ,091 DATA (435) 781-2501 1" = 50' SCALE: SURVEYED BY: C.M.

Tri~State (435) 781-2 Land~Surveying,~Inc. 180 North vernal ave. Vernal, Utah 84078 DRAWN BY: M. W. DATE: 4-5-06

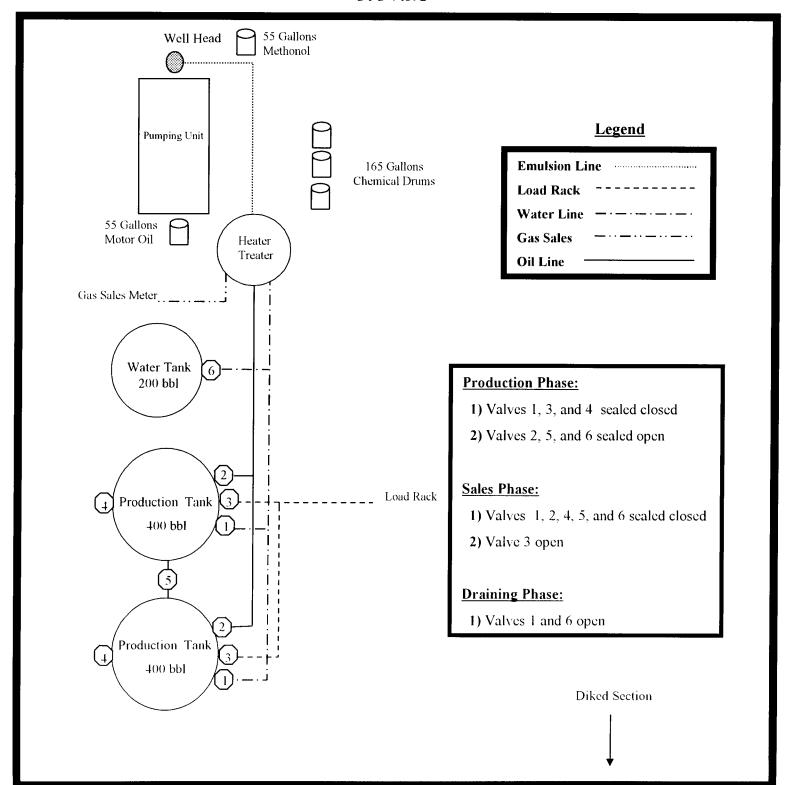
# **Newfield Production Company Proposed Site Facility Diagram**

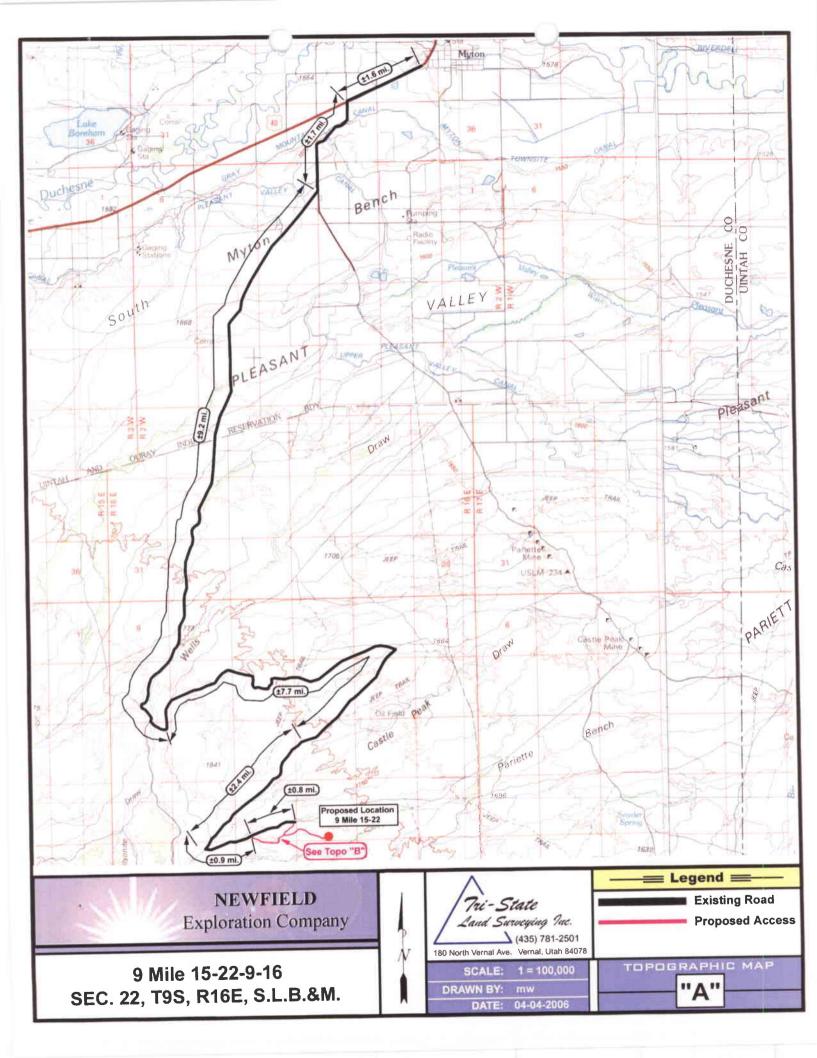
Federal 15-22-9-16

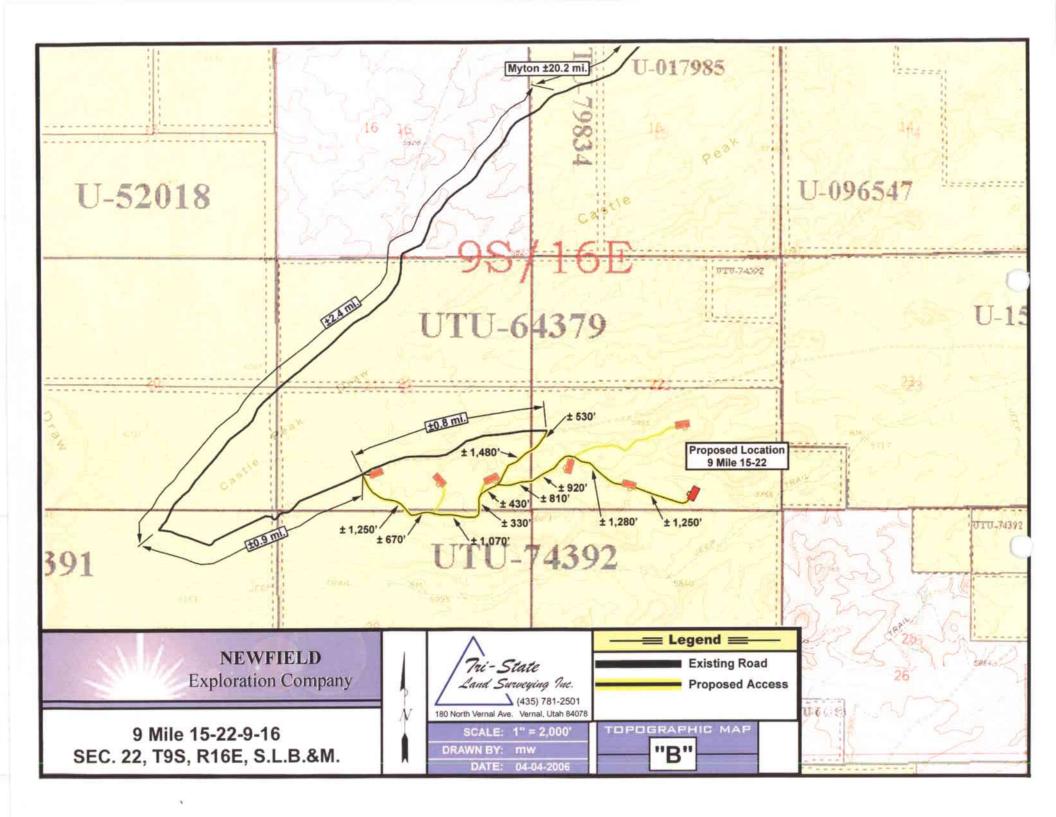
SW/SE Sec. 22, T9S, 16E

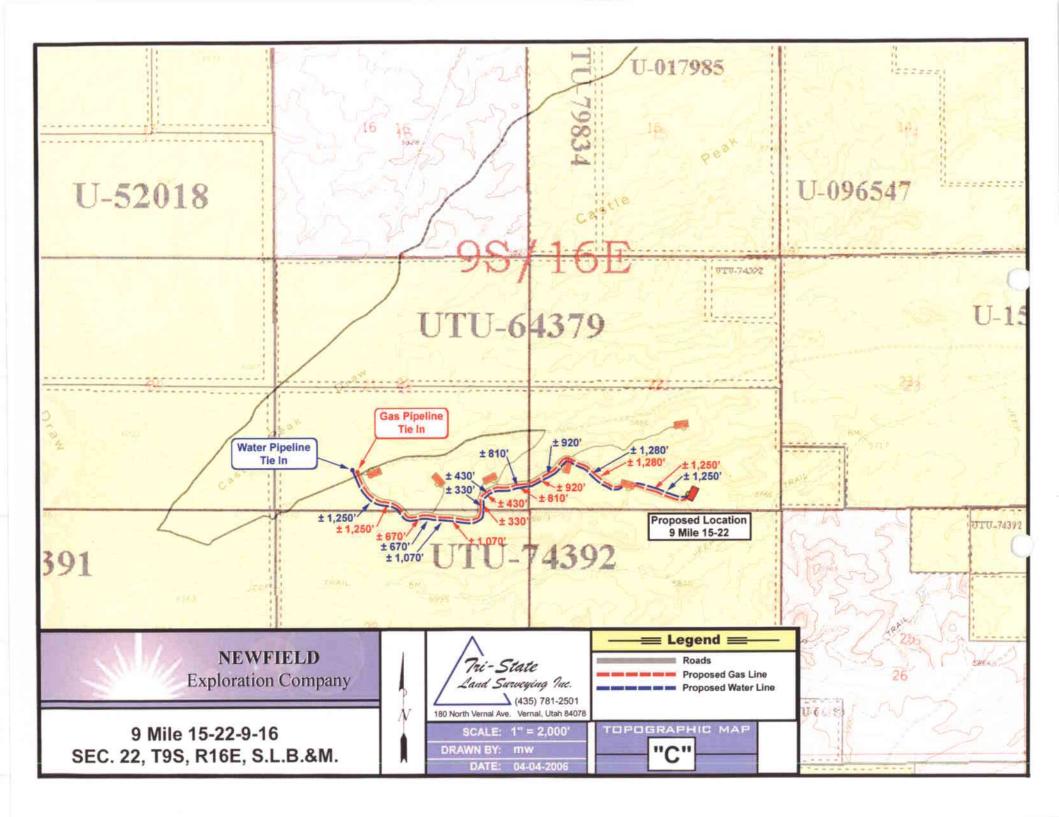
**Duchesne County, Utah** 

UTU-74392

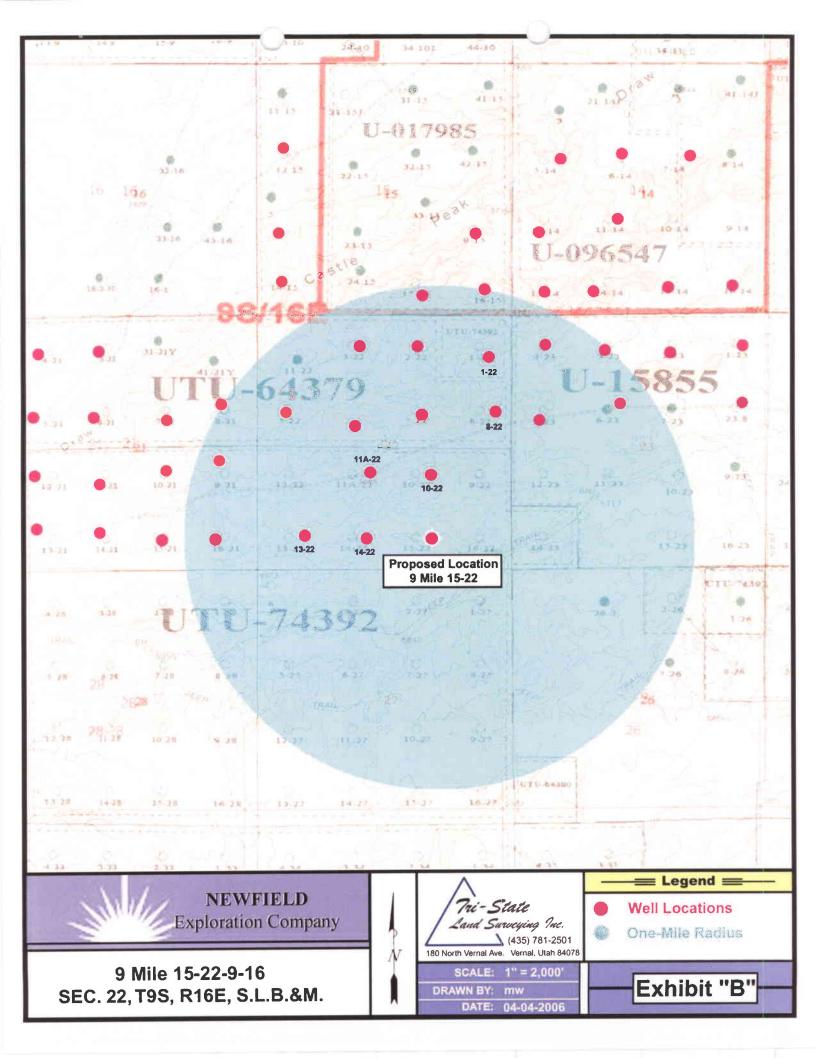






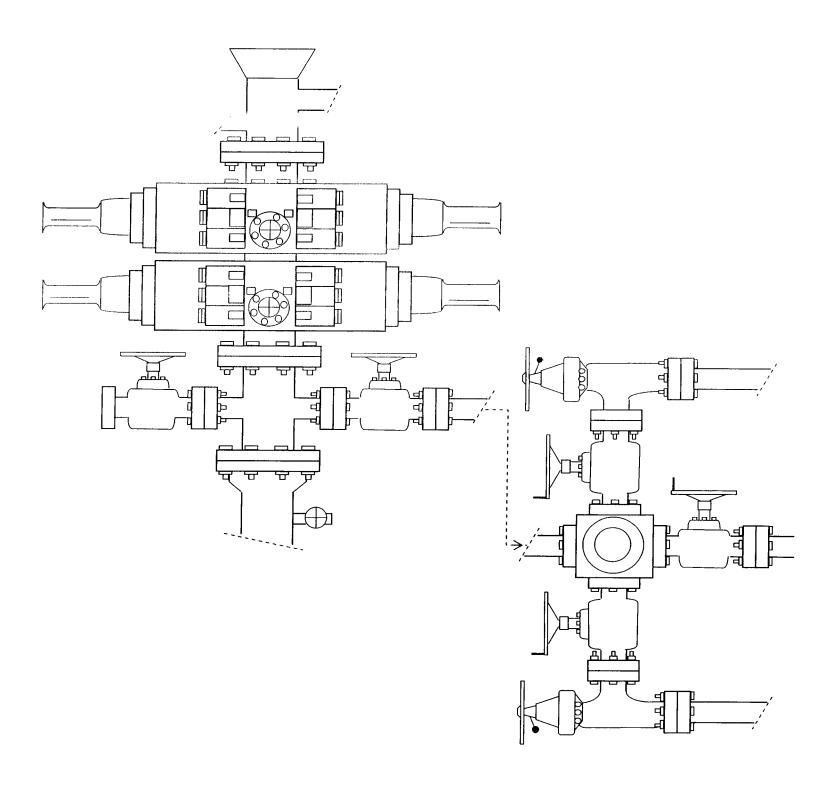


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# 2-M SYSTEM

**Blowout Prevention Equipment Systems** 



**EXHIBIT C** 

Exhibit "D"

Page 1 of 2

#### CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22, DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau fo Land Management Vernal Field Office

**Prepared Under Contract With:** 

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc. P.O. Box 147 Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0709b

Page 2 of 2

#### **NEWFIELD PRODUCTION COMPANY**

# PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-916]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

#### REPORT OF SURVEY

Prepared for:

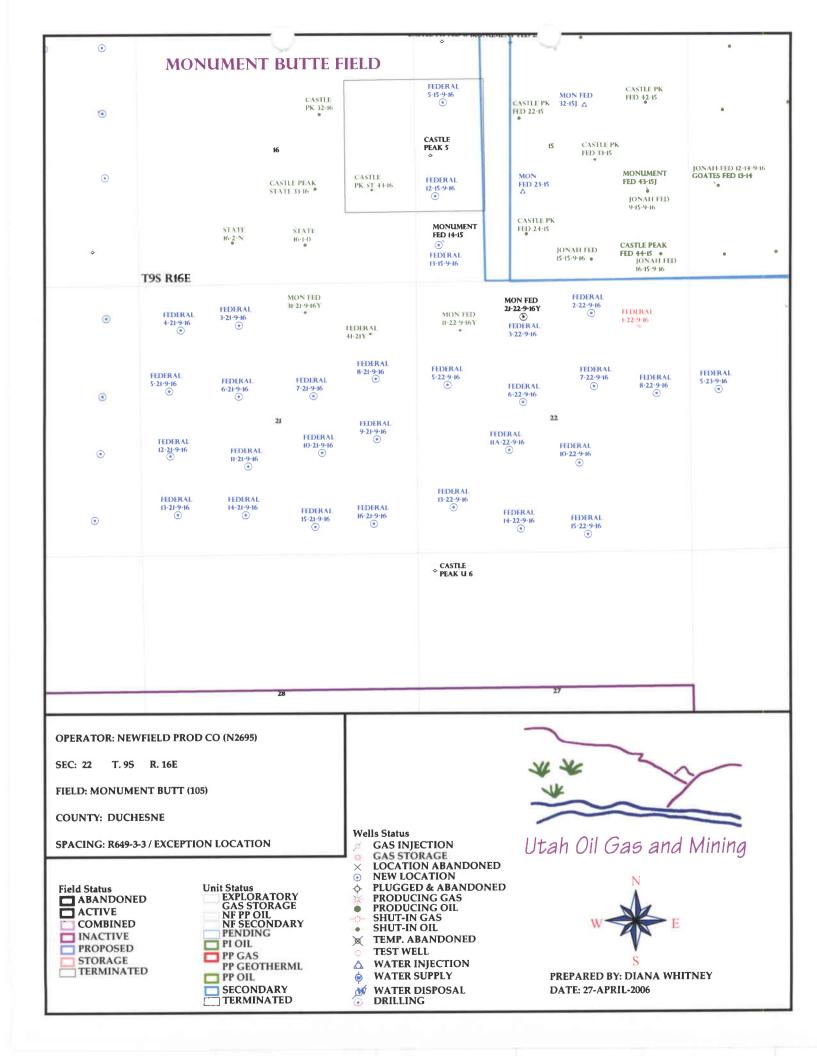
**Newfield Production Company** 

Prepared by:

Wade E. Miller Consulting Paleontologist September 28, 2005

# WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVE	ED: 04/26/2006		API NO. ASSIG	NED: 43-013	3-33167
WELL NAME:	FEDERAL 15-22-9-16				
	NEWFIELD PRODUCTION ( N2695 )		PHONE NUMBER:	435-646-372	1
CONTACT:	MANDIE CROZIER				
PROPOSED LO	OCATION:		INSPECT LOCATN	BY: /	/
	22 090S 160E 0355 FSL 1987 FEL		Tech Review	Initials	Date
	0355 FSL 1987 FEL		Engineering		
	DUCHESNE		Geology		
	40.01007 LONGITUDE: -110.1025 EASTINGS: 576603 NORTHINGS: 44290	50	Surface		
	ME: MONUMENT BUTTE ( 105			<u> </u>	
LEASE TYPE:	HE: MONOMENT BOTTE ( 103 : 1 - Federal ER: UTU-74392 NER: 1 - Federal	,	PROPOSED FORMAT		V
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<del></del>	Shale 190-5 (B) or 190-3 or 190-13		iting: 460 From Qt		setween Wells
Water	r Permit	R	649-3-3. Excep	tion	
. 1	. MUNICIPAL )	D	rilling Unit		
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(Dai			Eff Date:		
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#### State of Utah

### Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

June 8, 2006

Newfield Production Company Rt. 3, Box 3630 Myton, UT 84052

Re: Federal 15-22-9-16 Well, 355' FSL, 1987' FEL, SW SE, Sec. 22, T. 9 South,

R. 16 East, Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33167.

Sincerely,

Gil Hunt

Associate Director

Mie The

pab Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Newfield Production Company	
Well Name & Number	Federal 15-22-9-16	
API Number:	43-013-33167	
Lease:	UTU-74392	

Location: SW SE Sec. 22 T. 9 South R. 16 East

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

# RECEIVED

Form 3160-3 (September 2001)

APR 2 6 2006

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

5. Lease Serial No.

# UNITED STATES DEPARTMENT OF THE INTERIOR

UTU-74392 BUREAU OF LAND MANAGEMENT If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER 7. If Unit or CA Agreement, Name and No. REENTER la. Type of Work: **☑** DRILL 8. Lease Name and Well No. Single Zone Multiple Zone Federal 15-22-9-16 ☑ Oil Well ☐ Gas Well ☐ Other Name of Operator **Newfield Production Company** 3b. Phone No. (include area code) 3a. Address Monument Butte (435) 646-3721 Route #3 Box 3630, Myton UT 84052 11. Sec., T., R., M., or Blk. and Survey or Area Location of Well (Report location clearly and in accordance with any State requirements.\*) 355' FSL 1987' FEL At surface SW/SE SW/SE Sec. 22, T9S R16E At proposed prod. zone 12. County or Parish 13. State 14. Distance in miles and direction from nearest town or post office\* UT Approximatley 25.5 miles southwest of Myton, Utah Duchesne 17. Spacing Unit dedicated to this well 15. Distance from proposed\* 16. No. of Acres in lease location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2285 filse, NA flunit 2080.00 40 Acres 20. BLM/BIA Bond No. on file 19. Proposed Depth 18. Distance from proposed location\* to nearest well, drilling, completed, Approx. 1531' UTB000192 applied for, on this lease, ft. 5900' 22. Approximate date work will start\* 23. Estimated duration Elevations (Show whether DF, KDB, RT, GL, etc.) 3rd Quarter 2006 Approximately seven (7) days from spud to rig release 5846' GL 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: Bond to cover the operations unless covered by an existing bond on file (see 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 5. Operator certification. 3. A Surface Use Plan (if the location is on National Forest System Lands, the Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office). authorized officer. Date Name (Printed/Typed) Mandie Crozier 4/25/06 Title Regulatory Specialist Approved by (Signatu Jear Kevaks

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct Conditions of approval, if any, are attached.

Mineral Resources

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Title

RECEIVED

JAN 1 4 2007

DIV. OF OIL, GAS & MINING



07BM4745D



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

**VERNAL FIELD OFFICE VERNAL, UT 84078** 

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Location: **SWSE, Sec 22, T9S, R16E** Company: **Newfield Production Company** 

Lease No: UTU-74392 Well No: Federal 15-22-9-16

API No: 43-013-33167 Agreement: N/A

**170 South 500 East** 

Ryan Angus	Office: 435-781-4430	Cell: 435-828-
James Ashley	Office: 435-781-4470	Cell: 435-828-7874
Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Michael Lee	Office: 435-781-4432	
Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Scott Ackerman	Office: 435-781-4437	
Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Jannice Cutler	Office: 435-781-3400	
Michael Cutler	Office: 435-781-3401	
Anna Figueroa	Office: 435-781-3407	
Melissa Hawk	Office: 435-781-4476	
Chuck Macdonald	Office: 435-781-4441	
Nathan Packer	Office: 435-781-3405	
Verlyn Pindell	Office: 435-781-3402	
Holly Villa	Office: 435-781-4404	
Darren Williams	Office: 435-781-4447	
Karl Wright	Office: 435-781-4484	
781-4513	Fax: 435-781-4410	
	James Ashley Matt Baker Michael Lee Jamie Sparger Scott Ackerman Paul Buhler Jannice Cutler Michael Cutler Anna Figueroa Melissa Hawk Chuck Macdonald Nathan Packer Verlyn Pindell Holly Villa Darren Williams Karl Wright	James Ashley  Matt Baker  Michael Lee  Office: 435-781-4490  Michael Lee  Office: 435-781-4492  Jamie Sparger  Scott Ackerman  Paul Buhler  Jannice Cutler  Michael Cutler  Anna Figueroa  Melissa Hawk  Chuck Macdonald  Nathan Packer  Verlyn Pindell  Holly Villa  Darren Williams  Karl Wright  Office: 435-781-4447  Office: 435-781-3402  Office: 435-781-3405  Office: 435-781-3405  Office: 435-781-3405  Office: 435-781-3405  Office: 435-781-3404  Office: 435-781-3404  Office: 435-781-3404  Office: 435-781-3404

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Forty-Eight (48) hours prior to construction of location and access roads. **Location Construction** 

(Notify NRS)

Prior to moving on the drilling rig. **Location Completion** 

(Notify NRS)

Twenty-Four (24) hours prior to spudding the well. Spud Notice

(Notify Petroleum Engineer)

Twenty-Four (24) hours prior to running casing and cementing all casing Casing String & Cementing

(Notify Supervisory Petroleum Technician)

**BOP & Related Equipment Tests** Twenty-Four (24) hours prior to initiating pressure tests.

(Notify Supervisory Petroelum Technician)

Within Five (5) business days after new well begins or production First Production Notice (Notify Petroleum Engineer)

resumes after well has been off production for more than ninety (90)

days.

COAs: Page 2 of 8 Well: Federal 15-22-9-16

### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### STIPULATIONS:

- 1. Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- 2. Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments: None of the suspected species (or their burrows or nests) was identified on or near the location.

- 3. Notice to Lessee-Oil and Gas Lease Qualifications:
- 4. This lease is the under the provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, affect an entity's qualifications to obtain an oil and gas lease.

#### **CONDITIONS OF APPROVAL:**

- 1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- 2. All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- 3. All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- 4. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- 5. The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- 6. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.

COAs: Page 3 of 8 Well: Federal 15-22-9-16

7. Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.

- 8. Pipelines will be buried at all major drainage crossings.
- 9. Prevent fill and stock piles from entering drainages.
- 10. The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- 11. The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- 12. When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
  - 1. If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
  - 2. If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- 13. The interim seed mix for this location shall be:

Crested wheatgrass (*Agropyron cristatum*): 4 lbs/acre Needle and Threadgrass (*Hesperostipa comata*): 4 lbs/acre Indian Ricegrass (*Achnatherum hymenoides*): 4 lbs/acre

All pounds are in pure live seed. Rates are set for drill seeding; double the rate if broadcasting. Reseeding may be required if initial seeding is not successful.

- 14. The operator will be responsible for treatment and control of invasive and noxious weeds.
- 15. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- 16. Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

COAs: Page 4 of 8 Well: Federal 15-22-9-16

17. The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- 18. The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- 19. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- 20. All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- 21. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

COAs: Page 5 of 8 Well: Federal 15-22-9-16

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be brought up and into the surface.

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- 5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- 6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

COAs: Page 6 of 8 Well: Federal 15-22-9-16

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- 8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

COAs: Page 7 of 8 Well: Federal 15-22-9-16

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

COAs: Page 8 of 8 Well: Federal 15-22-9-16

g. Unit agreement and / or participating area name and number, if applicable.

- h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# DIVISION OF OIL, GAS AND MINING

# **SPUDDING INFORMATION**

Name of Co	mpany:	NEWFI	ELD PR	<u>ODUCTIO</u>	N COMPAN	NY
Well Name:		FEDER	AL 15-22	2-9-16		·
Api No:	43-013-331	67	Le	ase Type:	FEDER!	AL
Section 22	2Township	098 Range	16E	_County	DUCHES	NE
Drilling Con	tractor RO	SS DRILLING	i T	RIG	#21	
SPUDDE		<u>.</u>				
	Date	04/17/07				
	Time	2:00 PM				
	How	DRY				
Drilling wi	ill Commend	e:				
Reported by		<b>JOHNNY</b>	DAVIS			
Telephone#		(435) 823-3	<u>8610</u>			
Date	04/18/07		Signed	СНД		

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
<b>ENTITY ACTION FORM-FORM 6</b>

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. J BOX 3830

OPERATOR ACCT, NO.

N2695

Jentri Park

April 16, 2007

Date

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ACTION	CURRENT	REW	401111		·						
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В	99999	15150	43-013-33273			- ac	TP	- Re	COUNTY	I DARE	EFFECTIVE
WELL I COM			43-0 13-332/3	MON BT NE H-25-8-16	NE/NW	25		۔ دا			DATE
WIELE I COM	GRA	W	BH=C		IAEMAA	25	8.5	16	DUCHESNI	E 4/18/2007	4/24/0
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	0/400	•		•						W 13/2007	1/26/07
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<u> </u>			43-013-33052	FEDERAL 13-9-9-16	SW/SW	9		RG		DATE	CATE
	GRRV	16065	43-013-33052	FEDERAL 13-9-9-16		<b>6</b> C	TP	RG	COUNTY		
TION	GRENT	16065	43-013-33052			<b>6</b> C	TP	RG	COUNTY	DATE	DATE
TION	GRRV	16065		FEDERAL 13-9-9-16	SW/SW	9	9\$	16E	COUNTY	4/21/2007	DATE
CTION OOE	CURRENT ENTITY NO.	MEN ENTITY NO.	APJ WANGER		SW/SW	9	9\$	RG	DUCHESNE	4/21/2007 SPUD	DATE
ETION OCE	CURRENT EXTITY NO. 99999	16065	APJ WANGER	WELL NAME	SW/SW	9	9\$	16E	COUNTY	4/21/2007	4/24/07
ETION OCE	CARLO CURRENT ENTITY NO. 99999	16065 NEW SHITTY NO.			SW/SW	9	9S	16E	DUCHESME	4/21/2007 SPUD DATE	HALL / D7
B IL 5 COMME	CARLO CURRENT ENTITY NO. 99999	MEN ENTITY NO.	АРГНИМВЕК 43-013-33274	WELL NAME MON BT NE C-25-8-16	SW/SW	9	9\$	16E	DUCHESNE	4/21/2007 SPUD	4/24/07 
B II. 5 COMMEN	CARLO CURRENT ENTITY NO. 99999	16065 MENY SHITTY NO. 15150	43-013-33274 BHL = N	WELL NAME MON BT NE C-25-8-16	SW/SW	9	9S	16E	DUCHESME	4/21/2007 SPUD DATE	HALL / D7
B II. 5 COMMEN	CARRENT ENTITY NO. 99999 ENTS: CAR	16065 NEW SHITTY NO.	АРГНИМВЕК 43-013-33274	WELL NAME	SW/SW	9 25	9S Meal ( TP	16E	DUCHESME	4/21/2007 SPUD DATE	HALL / D7
B III. 5 COMMEN	CURRENT ENTITY NO.  99999 ENTS: GVC	MENY ENTITY NO.  15150  PRU  NETY ENTITY NO.	APJ HUMBER  43-013-33274  BHL = 'N  API NUMBER	MON BT NE C-25-8-16 IW corner of NE Que	SW/SW	9 25	9S MELL (TP 8S	16E	DUCHESNE  COUNTY  DUCHESNE	94/21/2007 SPUD DATE 4/20/2007	#/26/07  EFFECTIVE DATE  4/26/07
B BLL 5 COMMEN	CURRENT ENTITY NO.  99999  OUTS: CVC  CURRENT ENTITY NO.  99999	MENY ENTITY NO.  15150  PRU  NETY ENTITY NO.	APJ HUMBER  43-013-33274  BHL = 'N  API NUMBER	MON BT NE C-25-8-16  IW CORNER & NE QUE WELL NAME	SW/SW	9 SC V	9S Meal ( TP	16E	DUCHESME	4/21/2007 SPUD DATE	EFFECTIVE  A/26/07  EFFECTIVE  A/26/07
B ELL 5 COMMEN	CURRENT ENTITY NO.  99999  CURRENT ENTITY NO.  99999	16065  NEW EMITTY NO.  15150  NEW SHITTEY NO.  16066	43-013-33274 BHL = N	MON BT NE C-25-8-16 IW corner of NE Que	SW/SW	9 SC 25	9S MBILL TP 8S	16E OCATION RG CATION RG	COUNTY DUCHESNE  COUNTY DUCHESNE	\$PUD DATE	EFFECTIVE DATE  OATE  H/26/07  GEFECTIVE DATE
B BLL 5 COMMEN	CURRENT ENTITY NO.  99999  CURRENT ENTITY NO.  99999	16065  NEW EMITTY NO.  15150  NEW SHITTEY NO.  16066	APJ HUMBER  43-013-33274  BHL = 'N  API NUMBER	MON BT NE C-25-8-16  IW CORNER & NE QUE WELL NAME	SW/SW	9 SC 25	9S MBILL TP 8S	16E OCATION RG CATION RG	DUCHESNE  COUNTY  DUCHESNE	\$PUD DATE	EFFECTIVE DATE  OATE  H/26/07  GEFECTIVE DATE
B III. 5 COMMEN	CURRENT ENTITY NO.  99999  OUTS: CVC  CURRENT ENTITY NO.  99999	16065  NEW EMITTY NO.  15150  NEW SHITTEY NO.  16066	APJ HUMBER  43-013-33274  BHL = 'N  API NUMBER	MON BT NE C-25-8-16  IW CORNER & NE QUE WELL NAME	SW/SW	9 SC 25	9S MBILL TP 8S	16E OCATION RG CATION RG	COUNTY DUCHESNE  COUNTY DUCHESNE	\$PUD DATE	EFFECTIVE  A/26/07  EFFECTIVE  A/26/07
B III. 5 COMMEN	CURRENT ENTITY NO.  99999  MTS: GVC  CURRENT ENTITY NO.  99999  MTS: GVC	16065  NEW SHITTY NO.  15150  PRU  NETY SHITTY NO.  16066	APJ HUMBER  43-013-33274  BHL = 'N  API NUMBER	MON BT NE C-25-8-16  IW CORNER & NE QUE WELL NAME	SW/SW	9 SC 25	9S MBILL TP 8S	16E OCATION RG CATION RG	COUNTY DUCHESNE  COUNTY DUCHESNE	\$PUD DATE	EFFECTIVE DATE  OATE  H/26/07  GEFECTIVE DATE
B.  LL 5 COMMENT  DE  L 6 COMMENT  ON CODER (5	CURRENT EXTITY NO.  99999  MTS: GVC  CURRENT ENTITY NO.  99999  MTS: GVC  See Individuos of Date	16065  NEW SHITTY NO.  15150  PPU  NETY SHITTY NO.  16066	APJ HUMBER  43-013-33274  BHL = 'N  API NUMBER	MON BT NE C-25-8-16  IW CORNER & NE QUE WELL NAME	SW/SW	9 SC 25	9S MBILL TP 8S	16E OCATION RG CATION RG	COUNTY DUCHESNE  COUNTY DUCHESNE	\$PUD DATE	EFFECTIVE DATE  OATE  H/26/07  GEFECTIVE DATE
ENDONE  BLL 5 COMMENT  DE  L 6 COMMENT  ON CODER (8  A - 1 mm/ only	CURRENT ENTITY NO.  99999  MTS: GVC  CURRENT ENTITY NO.  99999  MTS: GVC	16065  NEW EMPTY NO.  15150  PPU  NETY BHTTY NO.  16066	APJ HUMBER  43-013-33274  BHL = 'N  API NUMBER	MON BT NE C-25-8-16  IW CORNER & NE QUE WELL NAME	SW/SW	9 SC 25	9S MBILL TP 8S	16E OCATION RG CATION RG	COUNTY DUCHESNE  COUNTY DUCHESNE	\$PUD DATE	EFFECTIVE DATE  OATE  H/26/07  GEFECTIVE DATE

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E - their (explain is communic section)

FORM 3160-5	
(September 2001)	

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires January 31,2004

Lease Serial No.

SUNDR	Y NOTICES AND REPORTION OF THE POPULATION OF THE	RTS ON WELLS		_USA UTU-743	92
abandoned w	vell. Use Form 3160-3 (AP	D) for such proposals		6. If Indian, Allo	tee or Tribe Name.
THE DARK (No.)	Bolling of Children	in age (Begger) and in the Medical Con-		7. If Unit or CA/A	Agreement, Name and/or
2. Name of Operator	Other			8. Well Name and FEDERAL 1	
NEWFIELD PRODUCTION CO Ba. Address Route 3 Box 3630 Myton, UT 84052	JMPANY	3b. Phone (include are 435.646.3721	code)	9. API Well No. 4301333167 10. Field and Poo	l, or Exploratory Area
355 FSL 1987 FEL	Sec., T., R., M., or Survey Descrip			MONUMENT 11. County or Par	BUTTE
SWSE Section 22 T9S R16E  12. CHECK	X APPROPRIATE BOX(ES	S) TO INIDICATE NA	TURE OF N	DUCHESNE, U OTICE, OR OT	
TYPE OF SUBMISSION		TYPE	OF ACTION		
☑ Notice of Intent ☐ Subsequent Report ☐ Final Abandonment	Acidize Alter Casing Casing Repair Change Plans Convert to	Deepen Fracture Treat New Construction Plug & Abandon Plug Back	Reclamati	te ily Abandon	Water Shut-Off Well Integrity Other
3. Describe Proposed or Completed Op	peration (clearly state all pertinent detail	ils, including estimated starting d	ate of any proposed	l work and approxima	ate duration thereof. If the

proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

> Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

RECEIVED **JUN** 2 0 2007

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and Title correct (Printed/ Typed) Regulatory Specialist Mandie Croz Date Signature 06/19/2007 Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease Office which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74392

	DIVISION OF C	OIL, GAS AN	D MINING		USA UTU-74392
SUNDRY	NOTICES A	ND REPO	ORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to dri	ill new wells, significantly de al laterals. Use APPLICATIO	epen existing wells be	elow current bottom-h	nole depth, reenter plugged h proposals.	7. UNIT or CA AGREEMENT NAME:
- TOPE OF WELL		OTHER		•	8. WELL NAME and NUMBER:
OIL WELL	FEDERAL 15-22-9-16				
2. NAME OF OPERATOR:					9. API NUMBER:
NEWFIELD PRODUCTION COM	IPANY			-	4301333167
3. ADDRESS OF OPERATOR:			0.40.50	PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
	ry Myton	STATE UT	ZIP 84052	435.646.3721	MONUMENT BUTTE
4. LOCATION OF WELL:	107 EEI				COUNTY: DUCHESNE
FOOTAGES AT SURFACE: 355 FSL 19	707 FEL				COUNTY DOCTEDING
OTR/OTR. SECTION. TOWNSHIP. RANGE.	MERIDIAN: SWSE, 22, 7	79S, R16E			STATE: UT
11. CHECK APPROI	PRIATE BOXES T	O INDICATI	E NATURE C	OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION			TY	PE OF ACTION	
	ACIDIZE		DEEPEN		REPERFORATE CURRENT FORMATION
NOTICE OF INTENT	ALTER CASING		FRACTURE T	REAT	SIDETRACK TO REPAIR WELL
(Submit in Duplicate)			NEW CONSTR		TEMPORARITLY ABANDON
Approximate date work will	CASING REPAIR		=		
	CHANGE TO PREVIOUS	S PLANS	OPERATOR C		U TUBING REPAIR
	CHANGE TUBING		PLUG AND A	BANDON	VENT OR FLAIR
SUBSEQUENT REPORT	CHANGE WELL NAME		PLUG BACK		WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATU	JS	PRODUCTION	N (START/STOP)	WATER SHUT-OFF
Date of Work Completion:	COMMINGLE PRODUC	ING FORMATIONS	RECLAMATIO	ON OF WELL SITE	OTHER: - Weekly Status Report
07/02/2007	CONVERT WELL TYPE	1	RECOMPLET	E - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO					offumes, etc.
NAME (PLEASE PRINT) Jentri Park SIGNATURE MAM	Pal			Production Clerk  O7/02/2007	
(This space for State use only)					TVED

JUL 1 1 2007

DIM OF OIL, DAS & VINITIA

#### **Daily Activity Report**

Format For Sundry FEDERAL 15-22-9-16 4/1/2007 To 8/30/2007

6/8/2007 Day: 1

Completion

Rigless on 6/7/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5697' & cement top @ suface. Perforate stage #1. CP5 sds @ 5574-5582' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. 136 BWTR. SIFN.

6/12/2007 Day: 2

Completion

Rigless on 6/11/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 19,614#'s of 20/40 sand in 325 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3280 psi. Treated @ ave pressure of 2433 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2430. 461 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) solid composite frac plug & 13' perf gun. Set plug @ 5510'. Perforate CP3 sds @ 5402-15', CP2 sds @ 5363-69', CP1 sds @ 5330-40' w/ 3-1/8" Slick Guns (23 gram, .46"HE, 90°) w/4 spf for total of 116 shots (3 runs due to misfire). RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 34,912#'s of 20/40 sand in 403 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3620 psi. Treated @ ave pressure of 2224 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1976. 864 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 12' perf gun. Set plug @ 4960'. Perforate A1 sds @ 4852-64' w/ 4 spf for total of 48 shots. RU BJ & frac stage #3 w/ 19,473#'s of 20/40 sand in 287 bbls of Lightning 17 frac fluid. Open well w/ 1671 psi on casing. Perfs broke down @ 3893 psi. Treated @ ave pressure of 1777 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1860. 1151 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 6' perf gun. Set plug @ 4760'. Perforate B1 sds @ 4656-62' w/ 4 spf for total of 24 shots. RU BJ & frac stage #4 w/ 14,664#'s of 20/40 sand in 237 bbls of Lightning 17 frac fluid. Open well w/ 1499 psi on casing. Perfs broke down @ 3921 psi. Treated @ ave pressure of 1924 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1720. 1388 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ solid frac plug & 6' perf gun. Set plug @ 4540'. Perforate D1 sds @ 4425-31' w/ 4 spf for total of 24 shots. RU BJ & frac stage #5 w/ 22,099#'s of 20/40 sand in 274 bbls of Lightning 17 frac fluid. Open well w/ 330 psi on casing. Perfs broke down @ 2369 psi. Treated @ ave pressure of 2182 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 1700. 1662 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 2 hours & died w/ 150 bbls rec'd. SIFN.

6/14/2007 Day: 3

Completion

NC #1 on 6/13/2007 - 4:00PM MIRU NC#1, R/U R/pmp & pmp Lines,7:00PM C/SDFN.

6/15/2007 Day: 4

Completion

NC #1 on 6/14/2007 - 6:30AM OWU, N/D 10,000 BOP & Frac H/D, N/U 3,000 Finge & 5,000 BOP, RIH W/-4 3/4 Bit, Bit Sub, 146 Jts Tbg To Fill @ 4471', R/U R/pmp, R/U Nabors Pwr Swvl, C/Out To Plg @ 4640', Drill Up Plg, Swvl I/Hle To Fill @ 4698', C/Out To Plg @ 4760', Drill Up Plg, SWI, 6:00PM C/SDFN. EOB @ 4761'.

#### 6/18/2007 Day: 5

Completion

NC #1 on 6/17/2007 - 6:30AM OWU, RIH W/-Tbg To Plg @ 4960', Drill Up Plg, Swvl I/Hle To Fill @ 5428', C/Out To Plg @ 5510', Drill Up Plg, Swvl I/Hle To Fill @ 5651', C/Out To PBTD @ 5715', Curc Well Clean 1 Hr, POOH W/-5 Jts Tbg, EOB @ 5590', R/U Swab, RIH IFL @ Surf, Made 14 Swab Runs, Recvred 159 Bbls Wtr, Lite Trce Sand, Lite Trce Oil, FFL @ , RIH W/Tbg To Fill @ 5710', C/Out To PBTD @ 5715', Curc Well Clean, POOH W/-187 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 181 Jts Tbg, SWI, 6:00PM C/SDFN, Lost 28 Bbls Wtr On Drill Out To PBTD, Recvred 159 Bbls Wtr Swabbing, Lost 73 Bbls Wtr On Curc Out @ PBTD, Total Wtr Recvery For Day = 58 Bbls.

#### 6/19/2007 Day: 6

Completion

NC #1 on 6/18/2007 - 6:30AM OWU, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. R/U R/pmp, Flsh Tbg W/-60 Bbls Wtr, P/U Stroke & RIH W/-CDI-2 1/2x1 1/2x20x20 1/2' RHAC & Rod String Shown Below. R/U Unit, Hle Standing Full, Stroke pmp & Tbg To 800 Psi W/-Rig Good Test. R/D Rig & Eq, M/Out @ 12:30PM, Leave Unit Down Due To Plumbing Of Dry Gas, Unit Has 120" SL, Lost 11 Bbls Wtr Flushing Tbg W/-60 Bbls @ 6:30 AM, (Final Report).

**Pertinent Files:** Go to File List

#### **UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT**

(See other instructions ons reverse side)

SUBMIT IN DUPLICATE\* FORM APPROVED OMB NO. 1004-0137

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO. UTU-74392

WELL	COMPL	ETION (	OR RE	COMP	LETION F	REPORT A	ND LOG*		6. IF INDIAN, AL		OR TRIBE NAME
1a. TYPE OF WORK		OIL [	×	GAS	DRY				7. UNIT AGREEN		
1b. TYPE OF WELL		WELL L	싀	WELL		Other				rec	deral
NEW C	work	ј г	_	PLUG	DIFF	7			8. FARM OR LEA	ASE NAM	E, WELL NO.
WELL X	OVER	DEEPEN		BACK	RESVR.	Other			_	deral 1	15-22-9-16
2. NAME OF OPERATOR		Nev	vfield Ex	xploration	Company				9. WELL NO.	43-013	3-33167
3. ADDRESS AND TELEP						90202			10. FIELD AND P	OOL OR V	WILDCAT
4. LOCATION OF WE		ations clearly ar	d in accorda	ance with any	Denver, CO State requirement	s.*)					ent Butte OCK AND SURVEY
At Surface		355'	FSL & 19	87' FEL (Ś\	N/SE) Sec. 22	2, T9S, R16E			OR AREA	- 22 7	TOS D16E
At top prod. Interval rep	oorted below							ŀ	360	C. 22,	T9S, R16E
At total depth			1	4. API NO.	2 22467	DATE ISSUED	6/08/06	1	12. COUNTY OR I		13. STATE
15. DATE SPUDDED	16. DATE T.D.	REACHED	17. DATE	43-01 E COMPL. (Read	3-33167 by to prod.)		D/UO/UO DF, RKB, RT, GR, ET	TC.)*	Duche		UT  19. ELEV. CASINGHEAD
04/18/07		21/07		06/18		5846			5858' KB	i	CARLE TOOLS
20. TOTAL DEPTH, MD &	: TVD	21. PLUG BACI		TVD	22. IF MULTIPLE HOW MANY	•	23. INTERVALS DRILLED BY	ROTA	RY TOOLS	1	CABLE TOOLS
5770' 24. PRODUCING INTERV			5715'		AND TUDY		>		X		25. WAS DIRECTIONAL
24. PRODUCING INTERV	AL(S), OF THIS	COMPLETION			/er 4425'-	5582'					SURVEY MADE
				SICCII I (II	14120			<del></del>			No
26. TYPE ELECTRIC AND Dual Induction	OTHER LOGS TO COMPANY OF THE PROPERTY OF THE P	run P. Compei	nsated I	Density, (	Compensate	ed Neutron, (	GR, Caliper,	Ceme	ent Bond Lo		27. WAS WELL CORED NO
23.				CASING	RECORD (Repo	rt all strings set in v	vell)				
CASING SIZE/C 8-5/8" - J		weight, 1		DEPTH S 31		HOLE SIZE 12-1/4"			MENTING RECOR		AMOUNT PULLED
5-1/2" - J		15.5		570		7-7/8"	325 sx Premi				
<u> </u>											
		LINE	R RECOR	n.		*	30.	T	TUBING RECO	ORD	
29.		LINE	K KECOK	<u>υ</u>						T	
29. SIZE	ТОР	(MD)	BOTTOM		SACKS CEMENT*	SCREEN (MD)	SIZE		EOT (MD)		PACKER SET (MD)
	ТОР				SACKS CEMENT*	SCREEN (MD)			EOT @ 5630'		PACKER SET (MD) TA @ 5565'
SIZE		(MD)			SACKS CEMENT*	SCREEN (MD)	SIZE		EOT @ 5630'		TA @ 5565'
SIZE  31. PERFORATION REC		(MD)	BOTTOM	A (MD) S	PF/NUMBER	32. DEPTH INTI	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD)	FRACTU	EOT @ 5630' TRE, CEMENT AMOUNT AND K	SQUEE	TA @ 5565' ZE, ETC. material used
SIZE 31. PERFORATION REC	ORD (Interval, s ERVAL (CP5) 5	(MD) size and number) 5574'-5582'	SIZ	4 (MD) S  E S  9"	pf/number 4/32	32. DEPTH INTI	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) 5582'	FRACTU	EOT @ 5630' TRE, CEMENT AMOUNT AND K W/ 19,614# 20	SQUEE CIND OF N	TA @ 5565' ZE, ETC. MATERIAL USED Ind in 325 bbls fluid
SIZE  31. PERFORATION REC	ORD (Interval, s ERVAL (CP5) 5	(MD) size and number) 5574'-5582'	<u>SIZ</u> .49	4 (MD) S	PF/NUMBER 4/32 4/116	32. DEPTH INTI 5574'- 5330'-	SIZE 2-7/8" ACID, SHOT, ERVAL (MD) 5582' 5415'	FRACTU Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20	SQUEE CIND OF N 0/40 sa 0/40 sa	TA @ 5565' ZE, ETC. MATERIAL USED and in 325 bbls fluid and in 403 bbls fluid
SIZE 31. PERFORATION REC	ORD (Interval, s ERVAL (CP5) 5 15',5363'-69 (A1	(MD) bize and number) 5574'-5582' 1', 5330'-40' 1) 4852'-64'	SIZ .49 .46	A (MD) S  EE S  B"  S"  S"	######################################	32. DEPTH INTI 5574'- 5330'- 4852'-	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864'	FRACTU Frac v Frac v Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20	SQUEE (IND OF N 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED IND in 325 bbls fluid IND in 403 bbls fluid IND in 287 bbls fluid
SIZE 31. PERFORATION REC	ORD (Interval, s ERVAL (CP5) 5 15',5363'-69 (A1	(MD) size and number) 5574'-5582' ', 5330'-40'	SIZ .49 .46 .46	4 (MD) S	PF/NUMBER 4/32 4/116 4/48 4/24	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662'	FRACTU Frac v Frac v Frac v Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED and in 325 bbls fluid and in 403 bbls fluid and in 287 bbls fluid and in 237 bbls fluid
SIZE 31. PERFORATION REC	ORD (Interval, s 'ERVAL (CP5) 5 15',5363'-69 (A1	(MD) bize and number) 5574'-5582' 1', 5330'-40' 1) 4852'-64'	SIZ .49 .46	4 (MD) S	######################################	32. DEPTH INTI 5574'- 5330'- 4852'-	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662'	FRACTU Frac v Frac v Frac v Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa	TA @ 5565' ZE, ETC. MATERIAL USED Ind in 325 bbls fluid Ind in 403 bbls fluid Ind in 287 bbls fluid
SIZE 31. PERFORATION REC	ORD (Interval, s 'ERVAL (CP5) 5 15',5363'-69 (A1	(MD) 5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62'	SIZ .49 .46 .46	4 (MD) S	PF/NUMBER 4/32 4/116 4/48 4/24	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662'	FRACTU Frac v Frac v Frac v Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED and in 325 bbls fluid and in 403 bbls fluid and in 287 bbls fluid and in 237 bbls fluid
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SIZE 31. PERFORATION REC	ORD (Interval, s 'ERVAL (CP5) 5 15',5363'-69 (A1	(MD) 5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62'	SIZ .49 .46 .46	4 (MD) S	PF/NUMBER 4/32 4/116 4/48 4/24	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662'	FRACTU Frac v Frac v Frac v Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED and in 325 bbls fluid and in 403 bbls fluid and in 287 bbls fluid and in 237 bbls fluid
SIZE 31. PERFORATION REC	ORD (Interval, s 'ERVAL (CP5) 5 15',5363'-69 (A1	(MD) 5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'	SIZ .49 .46 .46 .46	4 (MD) S	PF/NUMBER 4/32 4/116 4/48 4/24 4/24	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662'	FRACTU Frac v Frac v Frac v Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20	SQUEE CIND OF N 0/40 sa 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED Ind in 325 bbls fluid Ind in 403 bbls fluid Ind in 287 bbls fluid Ind in 237 bbls fluid Ind in 274 bbls fluid
SIZE  31. PERFORATION REC INT  CP3, 2, & 1) 5402'-  33.*  DATE FIRST PRODUCTION	ORD (Interval, s FERVAL (CP5) 5 15',5363'-69 (A1 (B1 (D1) 4	(MD) 5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'	SIZ .49 .46 .46	A (MD) S  E S  " " " " " " " " " " " " " " " " " "	PF/NUMBER 4/32 4/116 4/48 4/24 4/24 PRODUC	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662' 4431'	FRACTU Frac v Frac v Frac v Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED and in 325 bbls fluid and in 403 bbls fluid and in 287 bbls fluid and in 237 bbls fluid
SIZE  31. PERFORATION REC  INT  CP3, 2, & 1) 5402'-	(CP5) 5 15',5363'-69 (A1 (D1) 4	(MD) 5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'	SIZ .49 .46 .46	A (MD) S  E S  ""  ""  ""  Flowing, gas lift, ' x 1-1/2"  SIZE PR	PRODUC pumping-size and t x 20' x 20 1	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662' 4431'	FRACTU Frac v Frac v Frac v Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED and in 325 bbls fluid and in 403 bbls fluid and in 287 bbls fluid and in 237 bbls fluid and in 274 bbls fluid and in 274 bbls fluid
SIZE  31. PERFORATION RECLINT  CP3, 2, & 1) 5402'-  33.*  DATE FIRST PRODUCTION  06/18/0	ORD (Interval, s ERVAL (CP5) 5 15',5363'-69 (A1 (B1 (D1) 4	(MD) 5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'	SIZ .49 .46 .46 .46	A (MD) S  E S  ""  ""  ""  Flowing, gas lift, ' x 1-1/2"  SIZE PR	PF/NUMBER 4/32 4/116 4/48 4/24 4/24 PRODUC pumping-size and t x 20' x 20 1	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-  TION  Type of pump)  //2'RHAC SM	SIZE 2-7/8"  ACID, SHOT, 5582' 5415' 4864' 4662' 4431'	FRACTU Frac v Frac v Frac v Frac v	EOT @ 5630' IRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED Ind in 325 bbls fluid Ind in 403 bbls fluid Ind in 287 bbls fluid Ind in 237 bbls fluid Ind in 274 bbls fluid
SIZE  31. PERFORATION REC INT  CP3, 2, & 1) 5402'-  33.*  DATE FIRST PRODUCTIC 06/18/0	ORD (Interval, see Provided in the control of the c	(MD) 5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'	SIZ .46 .46 .46 .46 .46 .46 .46 .46 .46 .46	A (MD) S  EE S  B"  S"  S"  S"  Flowing, gas lift, ' x 1-1/2"  SIZE PR TE	PRODUC pumping-size and t x 20' x 20 1 ODN. FOR OUR	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-  TION  TON  TON  TON  TON  TON  TON  TO	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662' 4431'	FRACTU Frac v Frac v Frac v Frac v	EOT @ 5630' JRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED Ind in 325 bbls fluid Ind in 403 bbls fluid Ind in 287 bbls fluid Ind in 237 bbls fluid Ind in 274 bbls fluid IND
SIZE  31. PERFORATION REC INT  CP3, 2, & 1) 5402'-  33.*  DATE FIRST PRODUCTIC 06/18/C  DATE OF TEST  10 day av	ORD (Interval, see Provided in the control of the c	(MD)  5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'  PRODUCTION	SIZ .49 .46 .46 .46 .46	A (MD) S  EE S  B"  S"  S"  S"  Flowing, gas lift, ' x 1-1/2"  SIZE PR TE	PRODUC  pumping-size and t	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-  TION  Ope of pump)  //2'RHAC SM  L-BBLS.  42	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662' 4431'	Frac v Frac v Frac v Frac v WATER	EOT @ 5630' JRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa 0/40 sa	TA @ 5565'  ZE, ETC. MATERIAL USED Ind in 325 bbls fluid Ind in 403 bbls fluid Ind in 287 bbls fluid Ind in 237 bbls fluid Ind in 274 bbls fluid
SIZE  31. PERFORATION REC INT  CP3, 2, & 1) 5402'-  33.*  DATE FIRST PRODUCTIC 06/18/C  DATE OF TEST  10 day av	ORD (Interval, see Provided in the content of the c	(MD)  5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'  PRODUCTION  JRS TESTED	SIZ .49 .46 .46 .46 .46 .46 .46 .46 .46 .46 .46	A (MD)  S  EE  S  S  S  S  Flowing, gas lift, ' x 1-1/2"  SIZE  PR  TE  ATED  R RATE	PRODUC  PRODUC  pumping-size and t x 20' x 20 1  ODN. FOR OIL ST PERIOD  OIL-BBL.	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-  TION  Ope of pump)  //2'RHAC SM  L-BBLS.  42	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662' 4431'	Frac v Frac v Frac v Frac v Frac v WATER	EOT @ 5630' JRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa 0/40 sa WELL STA PF	TA @ 5565'  ZE, ETC. MATERIAL USED Ind in 325 bbls fluid Ind in 403 bbls fluid Ind in 287 bbls fluid Ind in 237 bbls fluid Ind in 274 bbls fluid
SIZE  31. PERFORATION REC INT  CP3, 2, & 1) 5402'-  33.*  DATE FIRST PRODUCTIC 06/18/C  DATE OF TEST  10 day av  FLOW. TUBING PRESS.	ORD (Interval, see Provided in the content of the c	(MD)  5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'  PRODUCTION  JRS TESTED	SIZ .49 .46 .46 .46 .46 .46 .46 .46 .46 .46 .46	A (MD)  SE SP	PRODUC  PRODUC  pumping-size and t x 20' x 20 1  ODN. FOR OIL ST PERIOD  OIL-BBL.	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-  TION  TON  TOP of pump)  1/2'RHAC SM  L-BBLS.  42  GARTIC	SIZE 2-7/8"  ACID, SHOT, ERVAL (MD) 5582' 5415' 4864' 4662' 4431'	Frac v Frac v Frac v Frac v Frac v WATER	EOT @ 5630'  JRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20 R-BBL.  96 BBL. OIL	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa 0/40 sa WELL STA PF	TA @ 5565'  ZE, ETC. MATERIAL USED Ind in 325 bbls fluid Ind in 403 bbls fluid Ind in 287 bbls fluid Ind in 237 bbls fluid Ind in 274 bbls fluid
SIZE  31. PERFORATION RECINT  CP3, 2, & 1) 5402'-  33.*  DATE FIRST PRODUCTION  06/18/C  DATE OF TEST  10 day av  FLOW. TUBING PRESS.  34. DISPOSITION OF GAS  35. LIST OF ATTACHME	ORD (Interval, see FRVAL (CP5) & (CP5) & (A1 (B1 (D1) 4 (D	(MD)  5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'  PRODUCTION  JRS TESTED  SING PRESSURE	SIZ .49 .46 .46 .46 .46 .46 .46 .46 .46 .46 .46	A(MD) S  EE S  B"  S"  S"  S"  S"  S T  Elowing, gas lift, 'x 1-1/2"  SIZE PR  TE  ATED  ARATE  ARAT	PRODUC  pumping-size and to x 20' x 20 1  ODN. FOR OIL-BBL.	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-  TION  TION  TOP of pump)  /2'RHAC SM  L-BBLS.  42  GAPT  JUL  D!V. OF OI	SIZE 2-7/8"  ACID, SHOT, GRVAL (MD) 5582' 5415' 4864' 4662' 4431'  Plunger Pugas-MCF. 22 CEIVED 1 2007  L, GAS & MIN	Frac v Frac v Frac v Frac v Frac v WATER	EOT @ 5630'  JRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20 R-BBL.  96 BBL. OIL	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa 0/40 sa WELL STA PF	TA @ 5565'  ZE, ETC. MATERIAL USED Ind in 325 bbls fluid Ind in 403 bbls fluid Ind in 287 bbls fluid Ind in 237 bbls fluid Ind in 274 bbls fluid
SIZE  31. PERFORATION RECINT  CP3, 2, & 1) 5402'-  33.*  DATE FIRST PRODUCTION  06/18/C  DATE OF TEST  10 day av  FLOW. TUBING PRESS.  34. DISPOSITION OF GAS	ORD (Interval, see FRVAL (CP5) & (CP5) & (A1 (B1 (D1) 4 (D	(MD)  5574'-5582' 1', 5330'-40' 1) 4852'-64' 1) 4656'-62' 1425'-4431'  PRODUCTION  JRS TESTED  SING PRESSURE	SIZ .49 .46 .46 .46 .46 .46 .46 .46 .46 .46 .46	A(MD) S  EE S  B"  S"  S"  S"  S"  S T  Elowing, gas lift, 'x 1-1/2"  SIZE PR  TE  ATED  ARATE  ARAT	PRODUC  pumping-size and to x 20' x 20 1  ODN. FOR OIL-BBL.	32.  DEPTH INTI  5574'-  5330'-  4852'-  4656'-  4425'-  TION  TON  TOPE of pump)  1/2'RHAC SM  L-BBLS.  42  GARTI  D!V. OF OI  ned from all availab	SIZE 2-7/8"  ACID, SHOT, GRVAL (MD) 5582' 5415' 4864' 4662' 4431'  Plunger Pugas-MCF. 22 CEIVED 1 2007  L, GAS & MIN	Frac v Frac v Frac v Frac v Frac v Frac v	EOT @ 5630'  JRE, CEMENT AMOUNT AND K W/ 19,614# 20 W/ 34,912# 20 W/ 19,473# 20 W/ 14,664# 20 W/ 22,099# 20 R-BBL.  96 BBL. OIL	SQUEE CIND OF M 0/40 sa 0/40 sa 0/40 sa 0/40 sa WELL STA PF	TA @ 5565'  ZE, ETC. MATERIAL USED and in 325 bbls fluid and in 403 bbls fluid and in 287 bbls fluid and in 237 bbls fluid and in 274 bbls fluid and in 274 bbls fluid ATUS (Producing or shut-in) RODUCING GAS-OIL RATIO 524 Y-API (CORR.)

person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all 38. **GEOLOGIC MARKERS** drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries); FORMATION TOP воттом DESCRIPTION, CONTENTS, ETC. TOP NAME TRUE MEAS. DEPTH VERT. DEPTH Garden Gulch Mkr **Well Name** 3404' Federal 15-22-9-16 Garden Gulch 1 3615' Garden Gulch 2 3724' Point 3 Mkr 3954' X Mkr 4239' Y-Mkr 4271' Douglas Creek Mkr 4389' BiCarbonate Mkr 4615' B Limestone Mkr 4715' Castle Peak 5251' Basal Carbonate 5696' Total Depth (LOGGERS 5775'

Sundry Number: 32984 API Well Number: 43013331670000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 15-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		<b>9. API NUMBER:</b> 43013331670000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		HONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0355 FSL 1987 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 22 Township: 09.0S Range: 16.0E Meridian	: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
The subject well he injection well on 1 State of Utah DOG above listed well. Opsig and charted for injecting during the	CHANGE WELL STATUS  □ CHANGE WELL STATUS □ DEEPEN □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF □ WILDCAT WELL DETERMINATION □ TOMPLETED OPERATIONS. Clearly show all places been converted from a production of the pro	ducing oil well to an nris Jensen with the he initial MIT on the pressured up to 1820 loss. The well was not as 0 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: December 24, 2012
NAME (PLEASE PRINT)	PHONE NUMBER		
Lucy Chavez-Naupoto  SIGNATURE	435 646-4874	Water Services Technician  DATE	
N/A		12/10/2012	

Sundry Number: 32984 API Well Number: 43013331670000

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: <u>Instruction</u> Test Conducted by: <u>Righty</u> Byly	Date 1214 112	Time_/?:?>	am @m
Others Present:			
Well: Fedral 15-22-9-14	Field: Mov	numint Butt	-1
Well Location: Federal 15-22-9-14	API No:430		

<u>Time</u>	<u>Casing Pressure</u>	
0 min	1820	psig
5	1820	psig
10	1820	psig
15	0561	psig
20	1820	psig
25	1870	psig
30 min	1870	psig
35		psig
40	•	. psig
45		psig
50		psig
55		_ psig
60 min		_ psig
Tubing pressure:	0	_ psi

Result:

Pass

Fail

**Signature of Witness:** 

Signature of Person Conducting Test:

Sundry Number: 32984 API Well Number: 43013331670000 ■MIDNIGHT 

■ 2000 -1500--1250--1000 / 500 CHART NO. MC M-2500-24HR 6 PM METER\_ \_\_ DISC NO. CHART PUT NO TAKEN OFF TIME / 7730 M TIME 1: Wy M DATE 12-4-12 DATE 12-4-12 LOCATION FIRM 15-22-94 2 REMARKS M.J. T -094--1000 1250--1200-01 NOON 11

Sundry Number: 32984 API Well Number: 43013331670000
Summary Rig Activity
Page 1 of 2

#### **Daily Activity Report**

Format For Sundry FEDERAL 15-22-9-16 9/1/2012 To 1/30/2013

11/29/2012 Day: 1

Conversion

Stone #10 on 11/29/2012 - MIRU, flush rods with 35 BBLS - 2:00pm road rig to loc + rig up, R/D horse head Pull 6k over string WT, L/D 2 Rods. Pump 5 bbls down tbg pressure up to 1600 psi soft seat Blow hole in tbg @ 3000psi, Flush rods W/35 bbls. L/D 38 4per 3/4" rods P/U Polish rod.

Daily Cost: \$0

**Cumulative Cost:** \$12,915

#### 11/30/2012 Day: 2

Conversion

Stone #10 on 11/30/2012 - 40 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 60 BBL ROD FLUSH L/D 63 4PER 3/4" RODS, 76 SLK 3/4" RODS POOH BREAK & DOPE EVERY COLLAR W/ 142 JTS TBG. L/D 38 JTS TBG, TA, 1 JT TBG, SN, 1 JT TBG, 2' PUP JT, SILVER HOG SUB, 8' PERF PUP - CREW TRAVEL SM ON L/D RODS, 40 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 60 BBL ROD FLUSH L/D 63 4PER 3/4" RODS, 76 SLK 3/4" RODS,R/D WELLHEAD. N/U BOP. R/U FLOOR. RELEASE TA,POOH BREAK & DOPE EVERY COLLAR W/ 142 JTS TBG. L/D 38 JTS TBG, TA, 1 JT TBG, SN, 1 JT TBG, 2' PUP JT, SILVER HOG SUB, 8' PERF PUP JT, & NC. W/ 50 BBL TBG FLUSH.TIH W/ INJECTION PKR ASSEMBLY & 60 JTS TBG. EOT @ 1869,SIWFW 1 HR CREW TRAVEL

Daily Cost: \$0

Cumulative Cost: \$19,583

#### 12/3/2012 Day: 3

Conversion

Stone #10 on 12/3/2012 - TOH breaking and doping every collar - Flush rods w/20 bbls. 40 63 4per 3/4, 76 slk 3/4, 40 4 per 3/4, 6 wt bars, pump w/60 bbls rod flush. R/D wellhead, NU bops, R/U floor, release TA. POOH breaking and doping every collar w/142 jts tubing. L/D 38 jts tbg, TA, 1 Jt tbg, SN, 1 jt tbg, 2' pup jt, silver hog sub, 8' perf pup jt. TIH w/packer assembly, + 60 jts tbg. EOT @ 1869.

Daily Cost: \$0

Cumulative Cost: \$26,601

#### 12/4/2012 Day: 4

Conversion

Stone #10 on 12/4/2012 - pressure test tubing and casing - 5:30am 6:30am ct- sm- 7am flush tbg 20bw w/ho- drop st vlv- prs tst tbg 4000psi- gt- 5bw to fill- rih 80jts w/bha- 142jts-s/n- rh- pkr- xo- 4'pup- xnn- re entry- 8:15am prs tst tbg 3000psi- 3bw to fill- tst for 1hr- lost 100psi- 9:15am prs up to 3260psi- 10:45am final tst 3220psi- gt- r/u & rih sl w/ovrsht- fish st vlv- n/d Weatherford bop- 11:45am n/u wh- flush csg 40bw w/pkr fluid- n/d wh- set pkr 15k-c/e @ 4378'- 12:30am n/u wh- prs tst csg 1700psi- 3bw to fill- 2pm final tst 1680psi- gt- r/d-3pm r/r-

Daily Cost: \$0

**Cumulative Cost:** \$32,309

#### 12/5/2012 Day: 5

Conversion

Sundry Number: 32984 API Well Number: 43013331670000 Summary Rig Activity

Page 2 of 2

Rigless on 12/5/2012 - Conduct initial MIT - On 12/03/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/04/2012 the casing was pressured up to 1820 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$121,143

**Pertinent Files: Go to File List** 

Form 3160-3 FORM APPROVED (September 2001) OMB No. 1004-0136 Expires January 31, 2004 **UNITED STATES** 5. Lease Serial No. DEPARTMENT OF THE INTERIOR UTU-74392 **BUREAU OF LAND MANAGEMENT** If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER N/A 7. If Unit or CA Agreement, Name and No. la. Type of Work: **☑** DRILL □ REENTER 8. Lease Name and Well No. 1b. Type of Well: Oil Well Gas Well Gother Single Zone Multiple Zone Federal 15-22-9-16 Name of Operator 9. API Well No **Newfield Production Company** 3a. Address 3b. Phone No. (include area code) 10. Field and Pool, or Explorator Route #3 Box 3630, Myton UT 84052 (435) 646-3721 Monument Butte Location of Well (Report location clearly and in accordance with any State requirements.\*) 11. Sec., T., R., M., or Blk. and Survey or Area 40,010069 355' FSL 1987' FEL 576603X At surface SW/SE SW/SE Sec. 22, T9S R16E 44290504 -110.102484 At proposed prod. zone 14. Distance in miles and direction from nearest town or post office\* 12. County or Parish 13. State Approximatley 25.5 miles southwest of Myton, Utah Duchesne UT Distance from proposed 16. No. of Acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 2285 f/lse, NA f/unit 40 Acres 2080.00 20. BLM/BIA Bond No. on file 18. Distance from proposed location\* 19. Proposed Depth to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1531' UTB000192 5900' Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Approximate date work will start\* 23. Estimated duration 5846' GL 3rd Quarter 2006 Approximately seven (7) days from spud to rigirelease 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form: 1. Well plat certified by a registered surveyor. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 2. A Drilling Plan. Operator certification. A Surface Use Plan (if the location is on National Forest System Lands, the Such other site specific information and/or plans as may be required by the SUPO shall be filed with the appropriate Forest Service Office). authorized officer. Name (Printed/Typed) Date Mandie Crozier 4/25/06 Specialist Name (Printed/Typed) BRADLEY G. HILL Offienvironmental Manager Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached.

\*(Instructions on reverse)

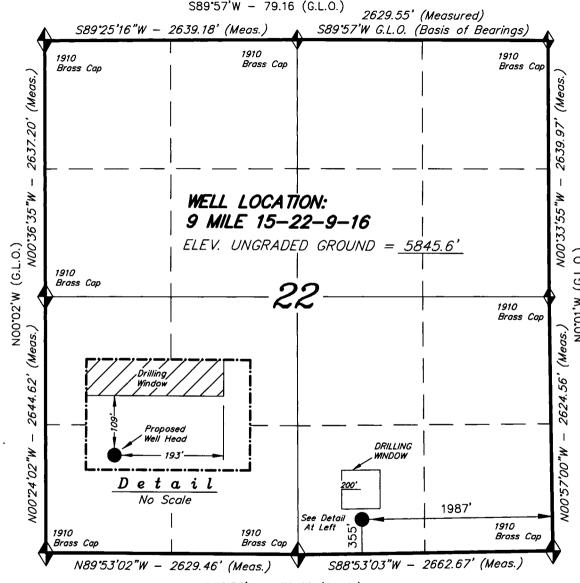
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APR 2 6 2006

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction,

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

## T9S, R16E, S.L.B.&M.



S89'58'W - 79.82 (G.L.O.)

= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) 9 MILE 15-22-9-16 (Surface Location) NAD 83 LATITUDE = 40°00'36.09" LONGITUDE = 110°06'10.93"

#### NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 15-22-9-16, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 22, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT OFFE ABOVE PERT WAS PREPARED FROM FIELD NOTES OF ACTUME SURVEYS MADE BY ME OR UNDER MY SUPPRESIDENT AND FORRECT TO THE BEST OF MY KNOWLEDGE AND FELIEF No.189377

#### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-5-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'



June 1, 2006,

Utah Division of Oil, Gas & Mining P.O. Box 145801 Attn: Diana Whitney Salt Lake City, Utah 84114-5801

> Re: Exception Locations: Federal 11-19-9-16; Federal 14-19-9-16; UTU-74391 Federal 10-22-9-16; Federal 15-22-9-16; UTU-74392 Duschene Cty., Utah

Dear Ms. Whitney:

Pursuant to Rule R649-3-3 of the Oil & Gas Rules and Regulations of the State of Utah, Newfield Production Company, Inc. hereby requests an exception location for the drilling of the captioned well. Rule R649-3-2 requires a well to be located in the center of a forty (40) acre quarter-quarter section, or a substantially equivalent lot or tract, with a tolerance of two hundred (200) feet in any direction from the center.

Federal 11-19-9-16; 1778' FSL, 2197'FWL; 1' South, 107' East of drilling window Federal 14-19-9-16; 452' FSL, 2258' FWL; 8' South, 167' East of drilling window Federal 10-22-9-16; 1736' FSL, 2137' FEL; 56' South of the drilling window Federal 15-22-9-16; 355 FSL, 1987' FEL; 109' South of the drilling window

The attached plats depict the proposed drillsite locations and illustrate the deviation from the drilling window, in accordance with Rule R649-3-2. The requested locations have all been selected due to the extreme terrain.

The locations are found within the two federal leases referenced above. The drillsite leases and all surrounding acreage within a four hundred sixty foot (460') radius of the proposed location are owned by Newfield Production Company, Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo Petroleum Corporation. We have contacted these owners and their consent to this location is attached.

If you have any questions or need additional information please contact me at (303)-382-4448. Thank you for your assistance in this matter.

Sincerely,

NEWFIELD PRODUCTION COMPANY

Laurie Deseau

allie

Properties Administrator

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JUN 0 8 2006

DIV. OF OIL, GAS & MINING

**Exception Locations** 

Federal 11-19-9-16; Federal 14-19-9-16; UTU-74391 Federal 10-22-9-16; Federal 15-22-9-16; UTU-74392

Please be advised that Yates Petroleum Corporation, Yates Drilling Company, Myco Industries, Inc. and Abo l'etroleum Corporation do not have an objection to the proposed locations of the aforementioned wells.

Ernest L. Carroll Senior Land Man

Print Name and Title

Date: May 18, 2006



April 25, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Federal 7-19-9-16, 10-19-9-16, 11-19-9-16, 14-19-9-16, 15-19-9-16, 16-19-9-16, 15-21-9-16, 16-21-9-16, 10-22-9-16, and 15-22-9-16.

#### Dear Diana:

Enclosed find APD's on the above referenced wells The proposed 11-19-9-16, 14-19-9-16, 10-22-9-16, and 15-22-9-16 are all Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier

Regulatory Specialist

mc

enclosures

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APR 2 6 2006

DIV. OF OIL, GAS & MINING

#### NEWFIELD PRODUCTION COMPANY FEDERAL #15-22-9-16 SW/SE SECTION 22, T9S, R16E DUCHESNE COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### **DRILLING PROGRAM**

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

 Uinta
 0' - 2190'

 Green River
 2190'

 Wasatch
 5900'

#### 3. <u>ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:</u>

Green River Formation 2190' - 5900' - Oil

#### 4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

#### 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

Please refer to the Monument Butte Field SOP.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

#### 9. <u>ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:</u>

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

#### NEWFIELD PRODUCTION COMPANY FEDERAL #15-22-9-16 SW/SE SECTION 22, T9S, R16E DUCHESNE COUNTY, UTAH

#### ONSHORE ORDER NO. 1

#### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #15-22-9-16 located in the SW 1/4 SE 1/4 Section 22, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly -10.9 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly -10.1 miles  $\pm$  to it's junction with an existing road to the southeast; proceed southeasterly and then northeasterly -0.9 miles  $\pm$  to it's junction with the beginning of the proposed access road to the southeast; proceed southeasterly and then northeasterly -1.5 miles  $\pm$  to the proposed well location.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

#### 3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon. Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

#### 6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

#### 8. <u>ANCILLARY FACILITIES</u>

Please refer to the Monument Butte Field SOP.

#### 9. WELL SITE LAYOUT

See attached Location Layout Diagram.

#### 10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. <u>SURFACE OWNERSHIP</u> - Bureau Of Land Management (Proposed location and access roads leading to).

#### 12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #05-240, 7/25/05. Paleontological Resource Survey prepared by, Wade E. Miller, 9/28/05. See attached report cover pages, Exhibit "D".

For the Federal #15-22-9-16 Newfield Production Company requests 8010' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed access road. Refer to Topographic Map "B". The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 8010' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 8010' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed water lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

#### **Exceptional Spacing**

According to Rule R649-3-2, which governs the location of wells in the State of Utah. Newfield Production is required to request administrative approval for a location exception from all non-unitized lease interest owners within a 460-foot radius of the new proposed location. Our Land Department in Denver has been notified of this exception location and will submit the required Exception Location Letter to all affected lease interest owners.

#### Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte. Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

#### Threatened, Endangered, And Other Sensitive Species

None.

#### **Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

#### **Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass

Pascopyrum Smithii

6 lbs/acre

Galletta Grass

Hilaria Jamesii

6 lbs/acre

#### **Details of the On-Site Inspection**

The proposed Federal #15-22-9-16 was on-sited on 3/17/06. The following were present; Shon Mckinnon (Newfeild Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Landmanagement). Weather conditions were clear and ground cover was 30% open.

#### 13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name:

Shon Mckinnon

Address:

Route #3 Box 3630

Myton, UT 84052

Telephone:

(435) 646-3721

#### Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #15-22-9-16 SW/SE Section 22, Township 9S, Range 16E: Lease UTU-74392 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

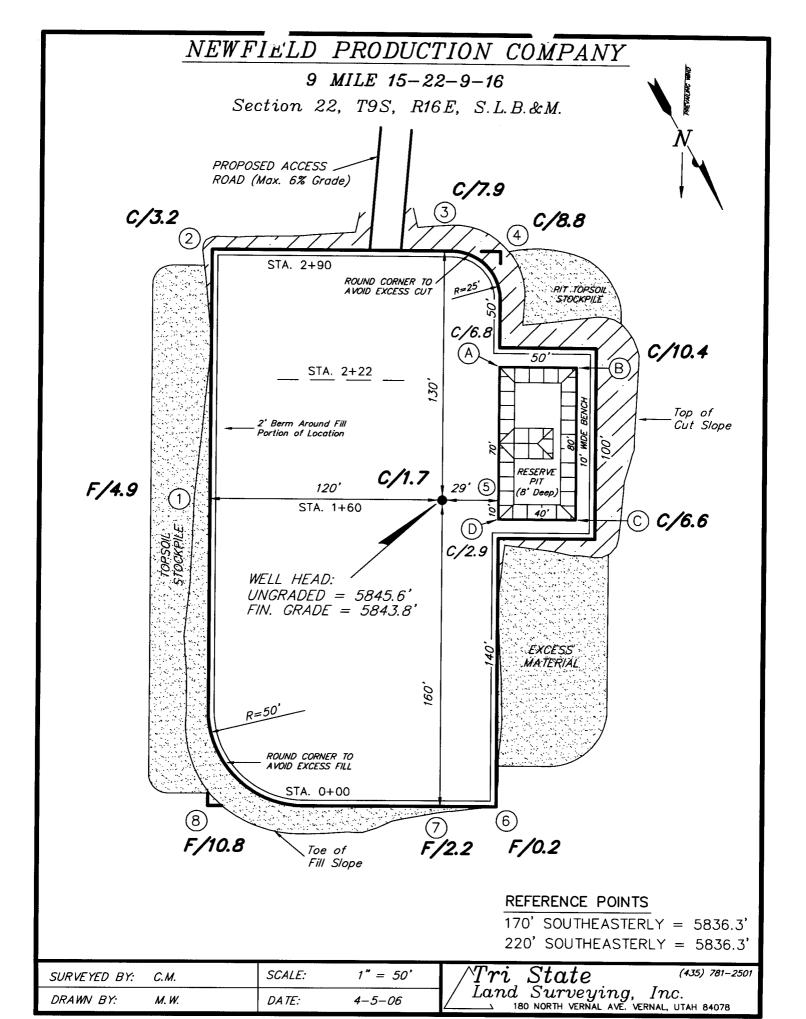
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

4/25/06 Date

Mandie Crozier

Regulatory Specialist

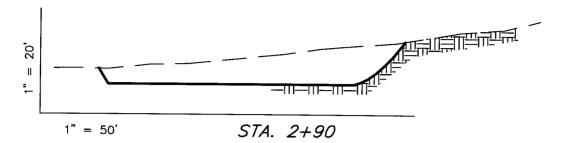
**Newfield Production Company** 

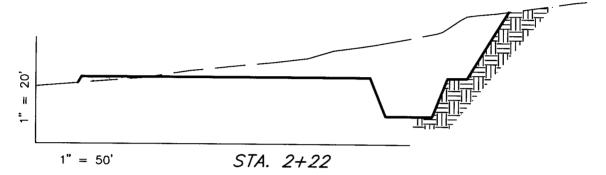


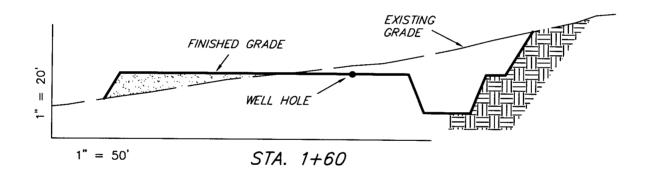
## NEWFIELD PRODUCTION COMPANY

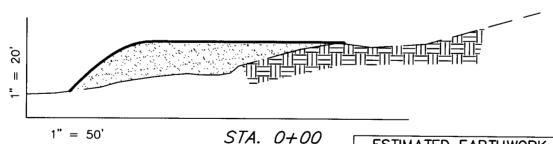
CROSS SECTIONS

9 MILE 15-22-9-16









NOTE: UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

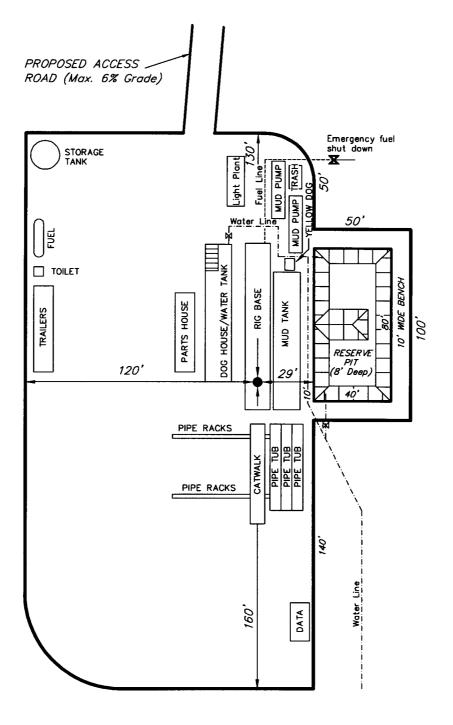
# ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,720	3,720	Topsoil is not included	0
PIT	640	0	in Pad Cut	640
TOTALS	4,360	3,720	1,050	640

SURVEYED BY:	С.М.	SCALE:	1" = 50'	/Tri S
DRAWN BY:	м. w.	DATE:	4-5-06	$\angle$ Land S

/Tri State (435) 781–2501 Land Surveying, Inc. 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

# NEWFIELD PRODUCTION CUMPANY TYPICAL RIG LAYOUT 9 MILE 15-22-9-16



SURVEYED BY: C.M.	SCALE:	1" = 50'	$fri_{s}State_{s}$ (435) 781-2501
DRAWN BY: M.W.	DATE:	4-5-06	Land Surveying, Inc.  180 NORTH VERNAL AVE. VERNAL, UTAH 84078

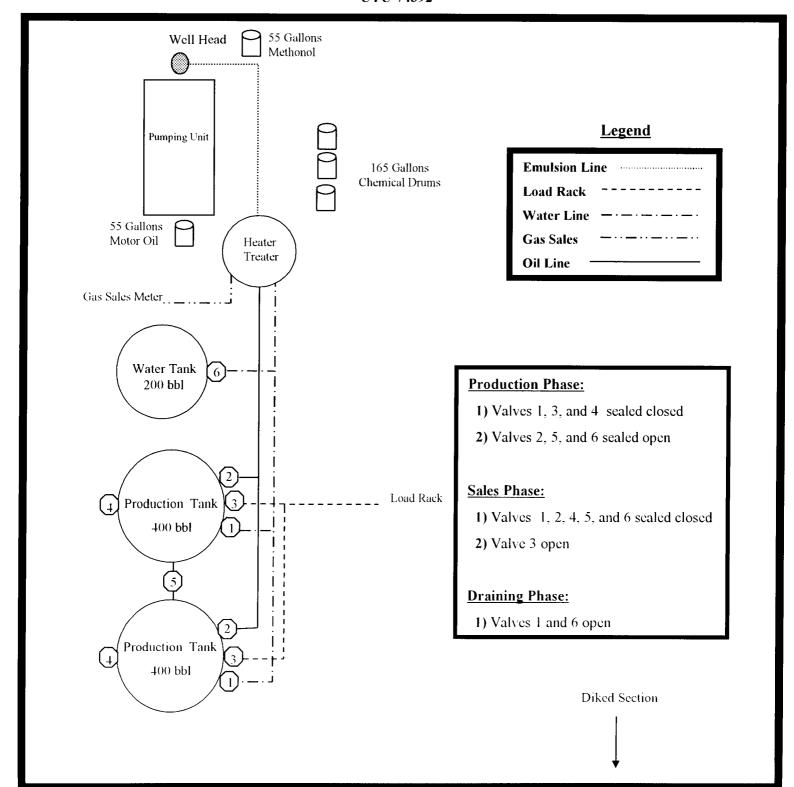
### **Newfield Production Company Proposed Site Facility Diagram**

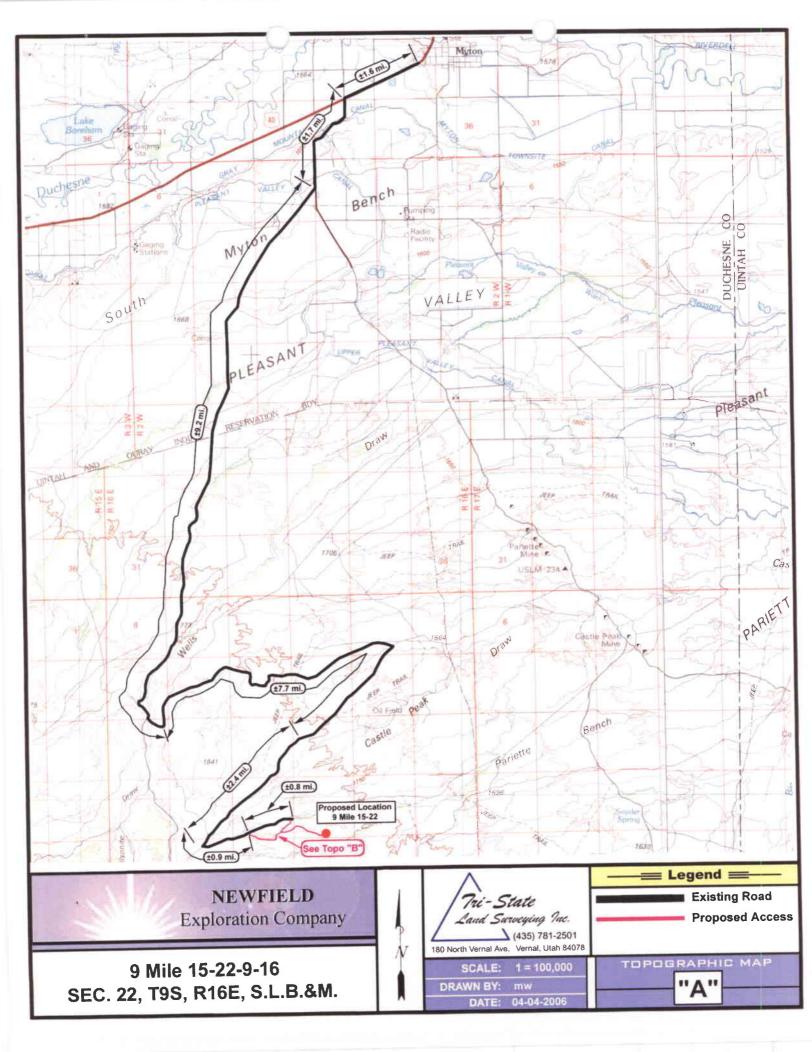
Federal 15-22-9-16

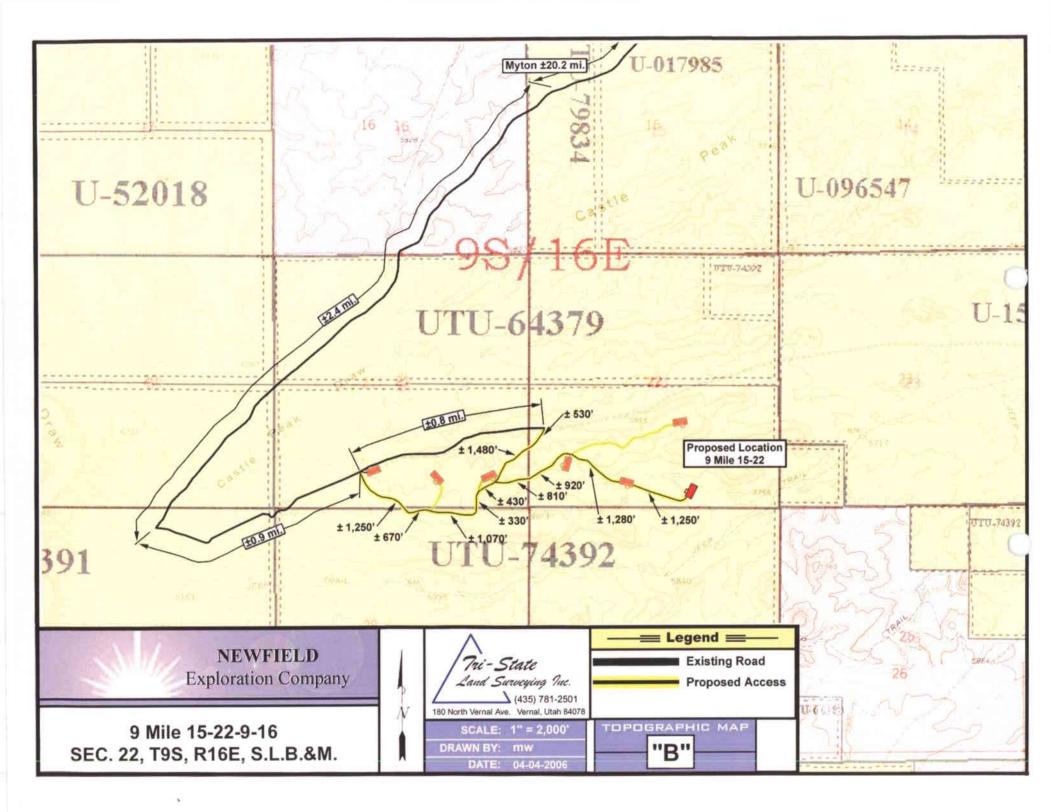
SW/SE Sec. 22, T9S, 16E

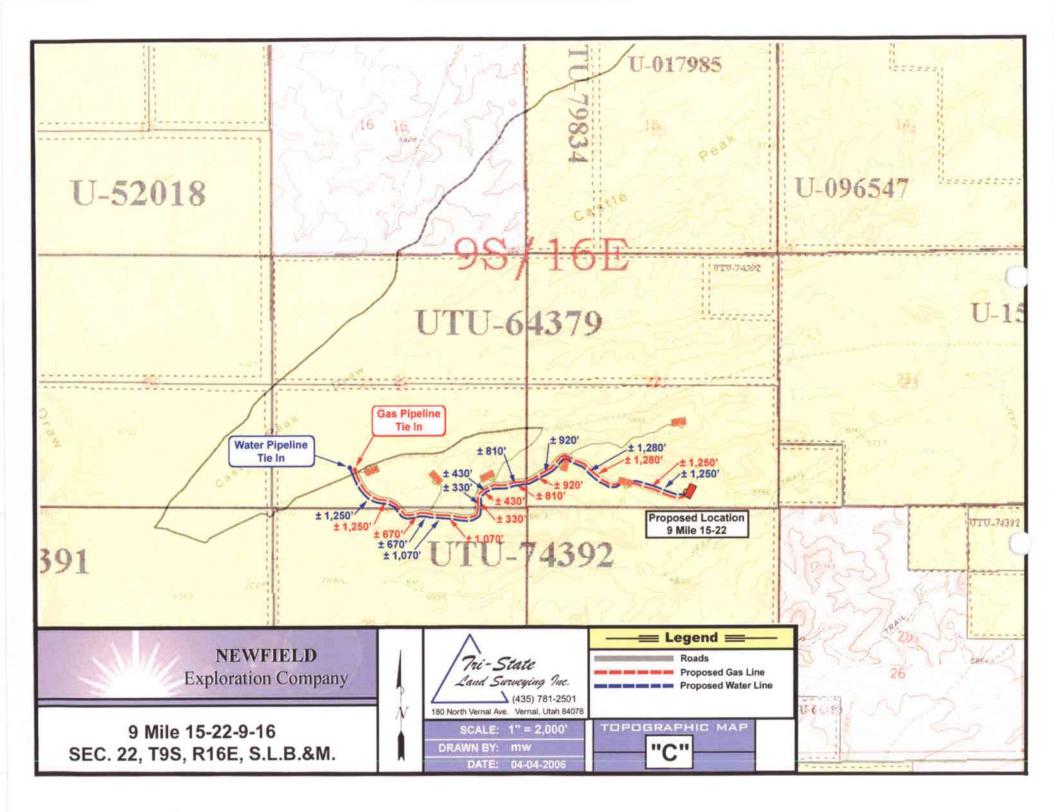
**Duchesne County, Utah** 

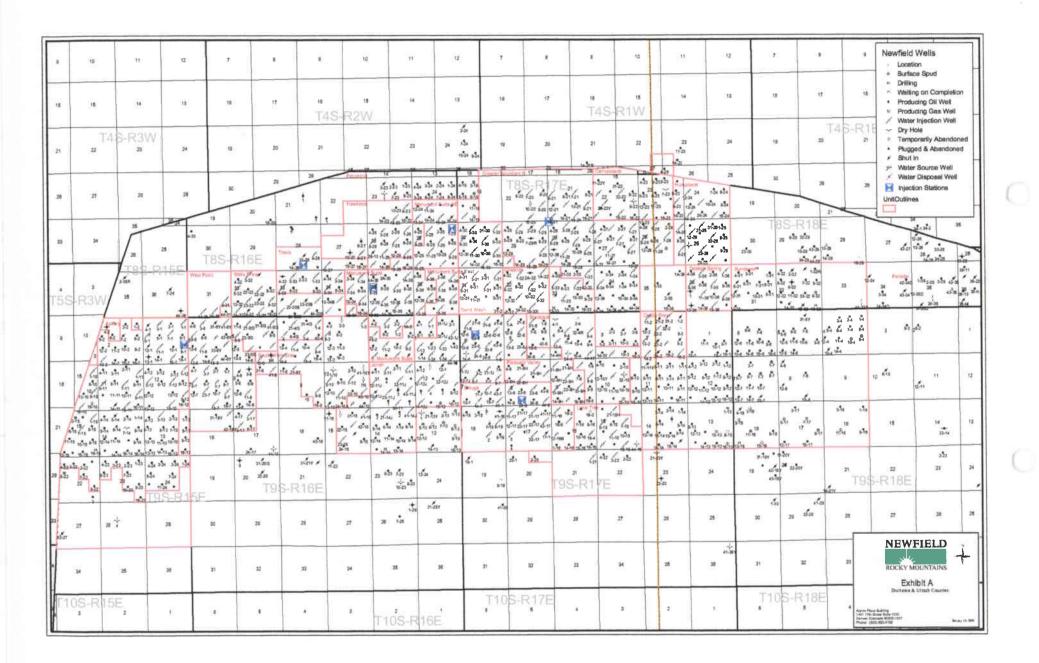
UTU-74392

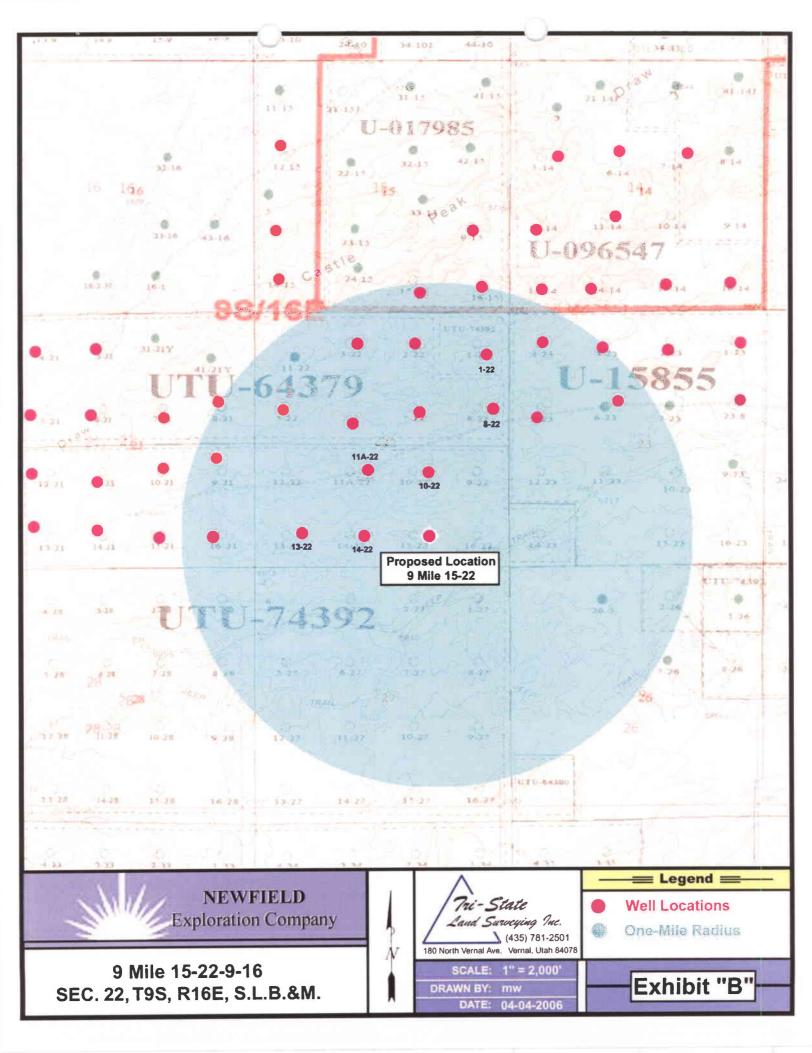






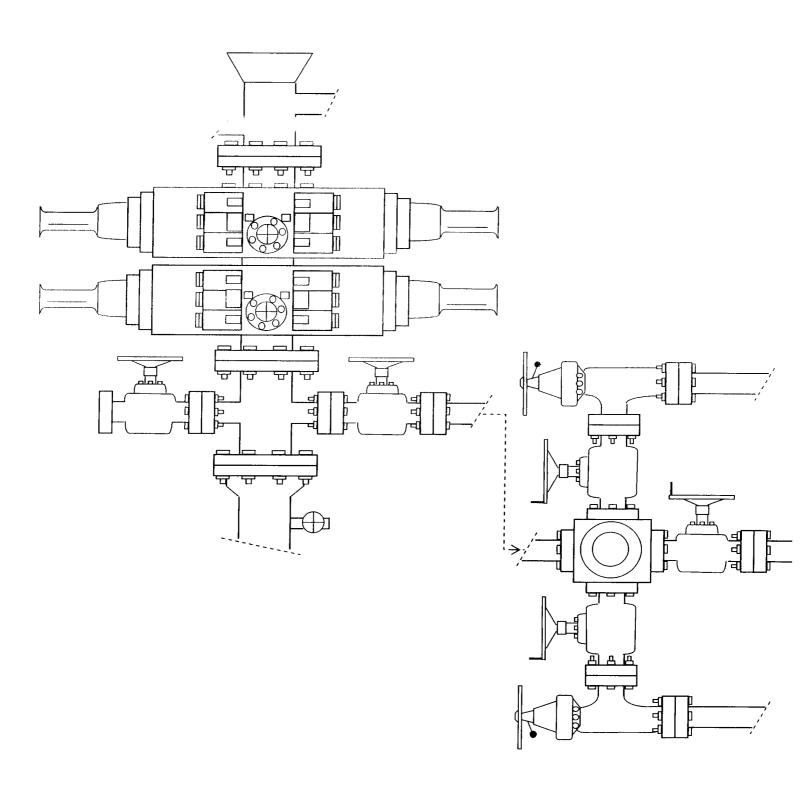






#### 2-M SYSTEM

**Blowout Prevention Equipment Systems** 



**EXHIBIT C** 

Exhibit "D"

page lof 2

#### CULTURAL RESOURCE INVENTORY OF NEWFIELD EXPLORATION'S BLOCK PARCEL IN TOWNSHIP 9S, RANGE 16E, SECTION 21 and 22, DUCHESNE COUNTY, UTAH

By:

Katie Simon

Prepared For:

Bureau fo Land Management Vernal Field Office

**Prepared Under Contract With:** 

Newfield Exploration Company Rt. 3 Box 3630 Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc. P.O. Box 147 Moab, Utah 84532

MOAC Report No. 05-240

July 25, 2005

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0709b

Page 2 of 2

#### **NEWFIELD PRODUCTION COMPANY**

# PALEONTOLOGICAL FIELD SURVEY OF PROPOSED PRODUCTION DEVELOPMENT AREAS, DUCHESNE COUNTY, UTAH

SW 1/4, SE 1/4, and SW 1/4, Section 9 [9,11,12,13 & 14-9-9-16]; Entire Section 22 (excluding NE 1/4, NE 1/4 & NW 1/4, NW 1/4) [2,3,5 through 16-9-9-16]; Entire Section 23 (excluding SE 1/4, NW 1/4, SW 1/4, NE 1/4, NE 1/4 & NW 1/4, SE 1/4) [1 through 5, 8,11 through 16-9-916]; Entire Section 24 (excluding SW 1/4, NW 1/4) [1 through 4, 6 through 16-9-9-16] all in Township 9 South, Range 16 East

#### REPORT OF SURVEY

Prepared for:

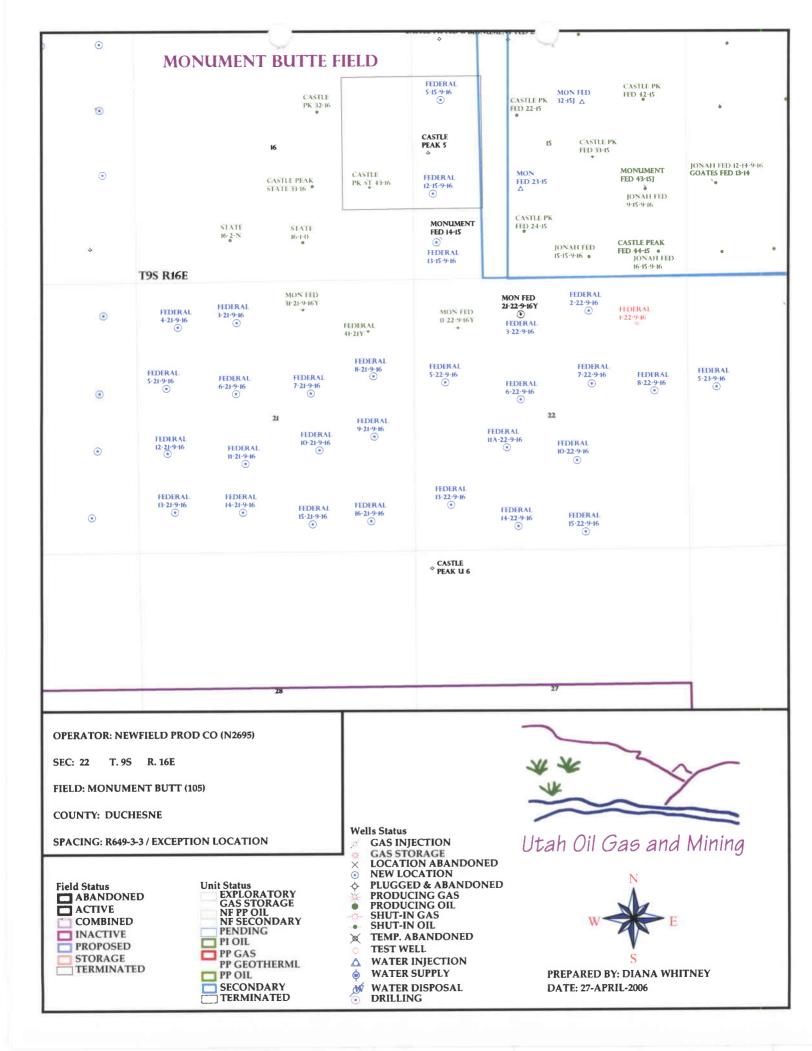
**Newfield Production Company** 

Prepared by:

Wade E. Miller Consulting Paleontologist September 28, 2005

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/26/2006	API NO. ASSIGNED: 43-013-33167
WELL NAME: FEDERAL 15-22-9-16  OPERATOR: NEWFIELD PRODUCTION ( N2695 )  CONTACT: MANDIE CROZIER	PHONE NUMBER: 435-646-3721
PROPOSED LOCATION:  SWSE 22 090S 160E  SURFACE: 0355 FSL 1987 FEL  BOTTOM: 0355 FSL 1987 FEL  COUNTY: DUCHESNE  LATITUDE: 40.01007 LONGITUDE: -110.1025  UTM SURF EASTINGS: 576603 NORTHINGS: 4429050  FIELD NAME: MONUMENT BUTTE ( 105 )  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-74392  SURFACE OWNER: 1 - Federal	INSPECT LOCATN BY: / /  Tech Review Initials Date  Engineering  Geology  Surface  PROPOSED FORMATION: GRRV  COALBED METHANE WELL? NO
<pre></pre>	R649-2-3.  R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception  Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Directional Drill
Stipulations: 1- de de vo Oxpriso 2- Spacing Stip	





#### Department of **Natural Resources**

MICHAEL R. STYLER **Executive Director** 

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > June 8, 2006

**Newfield Production Company** Rt. 3, Box 3630 Myton, UT 84052

Re: Federal 15-22-9-16 Well, 355' FSL, 1987' FEL, SW SE, Sec. 22, T. 9 South,

R. 16 East, Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33167.

Sincerely,

Gil Hunt

Associate Director

Mie Fli

pab Enclosures

cc: **Duchesne County Assessor** 

Bureau of Land Management, Vernal District Office

Operator:	Name & Number Federal 15-22-9-16		
Well Name & Number			
API Number:			
Lease:	UTU-74392		
Location: <u>SW SE</u>	Sec. 22	<b>T.</b> <u>9 South</u>	<b>R.</b> <u>16 East</u>

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

## RECEIVED

Form 3160-3 (September 2001)

APR 2 6 2006

FORM APPROVED OMB No. 1004-0136 Expires January 31, 2004

UTU-74392

5. Lease Serial No.

## **UNITED STATES** DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DR	6. If Indian, Allottee or Tribe Name N/A			
la. Type of Work: I DRILL REENTER	7. If Unit or CA Agreement, Name and No. N/A			
1b. Type of Well:	8. Lease Name and Well No. le Zone Federal 15-22-9-16			
Name of Operator     Newfield Production Company		9 ADI Well No. 43,013,33167		
3a. Address	10. Field and Pool, or Exploratory			
Route #3 Box 3630, Myton UT 84052	(435) 646-3721	Monument Butte		
4. Location of Well (Report location clearly and in accordance with	any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area		
At surface SW/SE 355' FSL 1987' FEL At proposed prod. zone		SW/SE Sec. 22, T9S R16E		
14. Distance in miles and direction from nearest town or post office*		12. County or Parish 13. State		
Approximatley 25.5 miles southwest of Myton, Utah	Duchesne			
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of Acres in lease	17. Spacing Unit dedicated to this well 40 Acres		
(Also to nearest drig. unit line, if any) Approx. 2285' f/lse, NA f/unit	2080.00			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  Approx. 1531'	19. Proposed Depth 20. BLM/BIA Bond No. on file UTB000192			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will star	t* 23. Estimated duration		
5846' GL	2.40 - 4 2000			
	24. Attachments			
The following, completed in accordance with the requirements of Onsho	re Oil and Gas Order No.1, shall be att	nched to this form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	Item 20 above).  5. Operator certification	specific information and/or plans as may be required by the		
25. Signature	Name (Printed/Typed)	Date		
Il barre (noin	Mandie Crozier	4/25/06		
Title Regulatory Specialist		1		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

Lands Mineral Resources

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

Approved by (Signat

Title

RECEIVED

JAN 1 4 2007

DIV. OF OIL, GAS & MINING



07BM 4745A



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

**VERNAL FIELD OFFICE** 

**VERNAL, UT 84078** 170 South 500 East

(435) 781-4400



## CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Location: **SWSE, Sec 22, T9S, R16E** Company: **Newfield Production Company** 

UTU-74392 Lease No: Well No: Federal 15-22-9-16

Agreement: N/A **API No:** 43-013-33167

Rvan Angus	Office: 435-781-4430	Cell: 435-828-
James Ashley	Office: 435-781-4470	Cell: 435-828-7874
Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Michael Lee	Office: 435-781-4432	
Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Scott Ackerman	Office: 435-781-4437	
Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Jannice Cutler	Office: 435-781-3400	
Michael Cutler	Office: 435-781-3401	
Anna Figueroa	Office: 435-781-3407	
Melissa Hawk	Office: 435-781-4476	
Chuck Macdonald	Office: 435-781-4441	
Nathan Packer	Office: 435-781-3405	
Verlyn Pindell	Office: 435-781-3402	
Holly Villa	Office: 435-781-4404	
Darren Williams	Office: 435-781-4447	
Karl Wright	Office: 435-781-4484	
-781-4513	Fax: 435-781-4410	
	Matt Baker Michael Lee Jamie Sparger Scott Ackerman Paul Buhler Jannice Cutler Michael Cutler Anna Figueroa Melissa Hawk Chuck Macdonald Nathan Packer Verlyn Pindell Holly Villa Darren Williams Karl Wright	James Ashley Matt Baker Office: 435-781-4470 Michael Lee Jamie Sparger Scott Ackerman Paul Buhler Jannice Cutler Michael Cutler Anna Figueroa Melissa Hawk Chuck Macdonald Nathan Packer Verlyn Pindell Holly Villa Darren Williams Karl Wright  Office: 435-781-4470 Office: 435-781-3401 Office: 435-781-3407 Office: 435-781-3407 Office: 435-781-3407 Office: 435-781-3407 Office: 435-781-3405 Office: 435-781-3405 Office: 435-781-3405 Office: 435-781-3402 Office: 435-781-3404

### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Forty-Eight (48) hours prior to construction of location and access roads. Location Construction

(Notify NRS)

Prior to moving on the drilling rig. Location Completion

(Notify NRS)

Twenty-Four (24) hours prior to spudding the well. Spud Notice

(Notify Petroleum Engineer)

Twenty-Four (24) hours prior to running casing and cementing all casing Casing String & Cementing

(Notify Supervisory Petroleum Technician)

Twenty-Four (24) hours prior to initiating pressure tests. **BOP & Related Equipment Tests** 

(Notify Supervisory Petroelum Technician)

Within Five (5) business days after new well begins or production First Production Notice

resumes after well has been off production for more than ninety (90) (Notify Petroleum Engineer)

days.

COAs: Page 2 of 8 Well: Federal 15-22-9-16

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

### **STIPULATIONS:**

- 1. Adhere to Executive Order 5327 of April 15, 1930, stipulations for lands in oil shale withdrawal.
- 2. Lease Notices from RMP: Lessee/operator is given notice the area has been identified as containing Golden Eagle and Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and Ferruginous Hawk and/or their habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments: None of the suspected species (or their burrows or nests) was identified on or near the location.

- 3. Notice to Lessee-Oil and Gas Lease Qualifications:
- 4. This lease is the under the provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, affect an entity's qualifications to obtain an oil and gas lease.

#### **CONDITIONS OF APPROVAL:**

- 1. This well is being approved in accordance with Washington Instruction Memorandum 2005-247 and Section 390 (Category 3) of the Energy Policy Act which establishes statutory categorical exclusions (CX) under the National Environmental Policy Act (NEPA). Category 3 states that an oil or gas well can be drilled within a developed field for which an approved land use plan or any environmental document prepared pursuant to NEPA analyzed drilling as a reasonably foreseeable activity, so long as such plan or document was approved within five (5) years prior to the date of spudding the well. This well is covered under the *Final Environmental Impact Statement and Record of Decision Castle Peak and Eightmile Flat Oil and Gas Exploration Project Newfield Rocky Mountains Inc.*, signed August 24, 2005. If the well has not been spudded by August 24, 2010, a new environmental document will have to be prepared prior to the approval of the APD.
- 2. All applicable local, state, and/or federal laws, regulations, and/or statutes will be complied with.
- 3. All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- 4. No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- 5. The access road will be crowned and ditched. Flat-bladed roads are not allowed.
- 6. If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.

COAs: Page 3 of 8 Well: Federal 15-22-9-16

7. Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.

- 8. Pipelines will be buried at all major drainage crossings.
- 9. Prevent fill and stock piles from entering drainages.
- 10. The reserve pit will be lined with a 12 ml or greater liner and felt prior to spudding.
- 11. The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- 12. When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
  - 1. If paleontologic or cultural materials are uncovered during construction, the operator shall immediately stop work that might further disturb or move such materials and contact the Authorized Officer (AO) within 48 hours. A determination will be made by the AO as to necessary mitigation for the discovered paleontologic/cultural material.
  - 2. If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- 13. The interim seed mix for this location shall be:

Crested wheatgrass (Agropyron cristatum): 4 lbs/acre
Needle and Threadgrass (Hesperostipa comata): 4 lbs/acre
Indian Ricegrass (Achnatherum hymenoides): 4 lbs/acre

All pounds are in pure live seed. Rates are set for drill seeding; double the rate if broadcasting. Reseeding may be required if initial seeding is not successful.

- 14. The operator will be responsible for treatment and control of invasive and noxious weeds.
- 15. The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- 16. Once the location is plugged and abandoned, it shall be re-contoured to natural topology, topsoil shall be re-spread, and the entire location shall be seeded with a seed mix recommended by the AO (preferably of native origin). Seed application will follow all guidelines in the interim seed mix bullet statement above. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

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17. The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.

- 18. The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- 19. All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- 20. All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- 21. Notify the Authorized Officer 48 hours prior to surface disturbing activities.

COAs: Page 5 of 8 Well: Federal 15-22-9-16

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. Production casing cement shall be brought up and into the surface.

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- 5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- 6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

COAs: Page 6 of 8 Well: Federal 15-22-9-16

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to a geologist of the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- 8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

COAs: Page 7 of 8 Well: Federal 15-22-9-16

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

COAs: Page 8 of 8 Well: Federal 15-22-9-16

- g. Unit agreement and / or participating area name and number, if applicable.
- h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Cor	npany:	NEWFIE	ELD PRO	<b>DUCTION</b>	COMPANY	
Well Name:_		FEDERA	AL 15-22-	9-16		
Api No:	43-013-331	67	Leas	se Туре:	FEDERAL	
Section 22	Township_	09S Range_	16E (	County	DUCHESNE	
Drilling Con	tractor ROS	SS DRILLING		RIG	#21	
SPUDDE		,				
	Date	04/17/07				
	Time	2:00 PM				
	How	DRY				
Drilling wi	II Commend	e:				
Reported by_		JOHNNY I	DAVIS			
Telephone#_		(435) 823-3	610			
Date	04/18/07		_Signed	CHD		

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84082

OPERATOR ACCT. NO.\_\_\_

N2695

Jentri Park

**এচ** April 14, 2007

Date

Production Clerk

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LECCHARATE COLOR FEDERAL 15-22-9-16 RWISE 22 CO. LOS	DATE
( SW/SE 22 9S 18E DUCHESNE 4/22/20	07 4/26/07
GMN	1/004/01
ON CODES (See Instructions on bank of form)	
A. I may easily for new well fellights well only.	
B. Well to existing early (parties or unit well)	
- ten ora existing early to mention early.	

C - You can existing eatily to another existing a sity.

D - well from one existing untily to a new entity.

E - ther (region is comments section)

		I ON NECOUN CHE	DIV. OF OIL, GAS & MININ
		FOR RECORD ONLY	2001
		Accepted by the Utah Division of Oil, Gas and Mining	F RECEIVED JUN 2 0 2007
Water not meeting of approved surface d	•	at Newfield's Pariette #4 disposal well (Sec. 7,	T9S R19E) or at State of Utah
Ashley, Monument produced water is in	Butte, Jonah, and Beluga njected into approved Cla	e tank. If the production water meets quality gui water injection facilities by company or contract s II wells to enhance Newfield's secondary reco	trucks. Subsequently, the very project.
proposal is to deepen direct Bond under which the work of the involved operations. Final Abandonment Notices inspection.)	onally or recomplete horizontally, g will be performed or provide the Bo If the operation results in a multiple shall be filed only after all requiren	inent details, including estimated starting date of any proposed work we subsurface locations and measured and true vertical depths of all id No. on file with BLM/BIA. Required subsequent reports shall be completion or recompletion in a new interval, a Form 3160-4 shall bents, including reclamation, have been completed, and the operator has been completed.	pertinent markers and zones. Attach the e filed within 30 days following completion e filed once testing has been completed. has determined that the site is ready for final
Final Abandonment	Convert to	Plug Back Water Disposal	
Subsequent Report	Change Plans	Plug & Abandon Temporarily Al	bandon Other
_	Alter Casing Casing Repair	Fracture Treat Reclamation  New Construction Recomplete	Well Integrity
Notice of Intent	☐ Acidize	Deepen Production(Star	rt/Resume)
TYPE OF SUBMISSI		TYPE OF ACTION	
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SWSE Section 22 T9S I	116E		
4. Location of Well (Fo	otage, Sec., T., R., M., or Surve		IONUMENT BUTTE  County or Parish, State
Myton, UT 8	4052	435.646.3721 10.1	Field and Pool, or Exploratory Area
NEWFIELD PRODUCT  3a. Address Route 3 Box		3	API Well No. 301333167
2. Name of Operator	ell Other		Vell Name and No. EDERAL 15-22-9-16
1. Type of Well			Tollitor Chargeement, Name and of
11 31 32 13	CATEGORIUS VARACIA	er lessing door as the entry	f Unit or CA/Agreement, Name and/or
Do not abando	use this form for proposed well. Use Form 316	sals to drill or to re-enter an	f Indian, Allottee or Tribe Name.
_ SU	NDRY NOTICES AND	REPORTS ON WELLS	ISA UTU-74392
(September 2001)	BUREAU OF LAND	MANAGEMENT	Expires January 31,2004  Lease Serial No.
(September 2001)	DEPARTMENT OF	TATES THE INTERIOR	OMB No. 1004-0135

G

I hereby certify that the foregoing is true and correct (Printed/ Typed)	Title	e				
Mandie Crozier	Regulatory Specialist					
Signature Lande (15 Xe)	Date 06/19/2	007				
Published For H	M.R.VI C	er city is, on				
Approved by		Title		Date		
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office		· .		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any persentations and fraudulent statements or representations as to any matter with			te to any department	or agency of the Ur	nited	

(Instructions on reverse)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING USA UTU-74392 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. 8. WELL NAME and NUMBER: 1. TYPE OF WELL: GAS WELL OIL WELL OTHER FEDERAL 15-22-9-16 9. API NUMBER: 2. NAME OF OPERATOR: 4301333167 **NEWFIELD PRODUCTION COMPANY** PHONE NUMBER 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: STATE UT ZIP 84052 435.646.3721 MONUMENT BUTTE CITY Myton Route 3 Box 3630 4. LOCATION OF WELL: COUNTY: DUCHESNE FOOTAGES AT SURFACE: 355 FSL 1987 FEL UT OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 22, T9S, R16E STATE CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION DEEPEN ■ REPERFORATE CURRENT FORMATION ACIDIZE ■ NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL ALTER CASING (Submit in Duplicate) NEW CONSTRUCTION TEMPORARITLY ABANDON CASING REPAIR Approximate date work will TUBING REPAIR OPERATOR CHANGE CHANGE TO PREVIOUS PLANS VENT OR FLAIR CHANGE TUBING PLUG AND ABANDON WATER DISPOSAL PLUG BACK SUBSEQUENT REPORT CHANGE WELL NAME (Submit Original Form Only) PRODUCTION (START/STOP) WATER SHUT-OFF CHANGE WELL STATUS Date of Work Completion: OTHER: - Weekly Status Report COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE 07/02/2007 RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 06/18/07, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

SIGNATURE MAN JAL DATE 07/02/2007

(This space for State use only)

JUL 1 1 2007

### **Daily Activity Report**

Format For Sundry FEDERAL 15-22-9-16 4/1/2007 To 8/30/2007

6/8/2007 Day: 1

Completion

Rigless on 6/7/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5697' & cement top @ suface. Perforate stage #1. CP5 sds @ 5574-5582' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 32 shots. 136 BWTR. SIFN.

6/12/2007 Day: 2

Completion

Rigless on 6/11/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 19,614#'s of 20/40 sand in 325 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3280 psi. Treated @ ave pressure of 2433 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2430. 461 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) solid composite frac plug & 13' perf gun. Set plug @ 5510'. Perforate CP3 sds @ 5402-15', CP2 sds @ 5363-69', CP1 sds @ 5330-40' w/ 3-1/8" Slick Guns (23 gram, .46"HE, 90°) w/ 4 spf for total of 116 shots (3 runs due to misfire). RU BJ & perfs won't break down. RIH & spot 10 gals of 15% HCL acid on perfs. RU BJ & frac stage #2 w/ 34,912#'s of 20/40 sand in 403 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3620 psi. Treated @ ave pressure of 2224 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1976. 864 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 12' perf gun. Set plug @ 4960'. Perforate A1 sds @ 4852-64' w/ 4 spf for total of 48 shots. RU BJ & frac stage #3 w/ 19,473#'s of 20/40 sand in 287 bbls of Lightning 17 frac fluid. Open well w/ 1671 psi on casing. Perfs broke down @ 3893 psi. Treated @ ave pressure of 1777 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1860. 1151 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ flow through frac plug & 6' perf gun. Set plug @ 4760'. Perforate B1 sds @ 4656-62' w/ 4 spf for total of 24 shots. RU BJ & frac stage #4 w/ 14,664#'s of 20/40 sand in 237 bbls of Lightning 17 frac fluid. Open well w/ 1499 psi on casing. Perfs broke down @ 3921 psi. Treated @ ave pressure of 1924 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1720. 1388 bbls EWTR. Leave pressure on well. RU WLT, RIH w/ solid frac plug & 6' perf gun. Set plug @ 4540'. Perforate D1 sds @ 4425-31' w/ 4 spf for total of 24 shots. RU BJ & frac stage #5 w/ 22,099#'s of 20/40 sand in 274 bbls of Lightning 17 frac fluid. Open well w/ 330 psi on casing. Perfs broke down @ 2369 psi. Treated @ ave pressure of 2182 w/ ave rate of 24.8 bpm w/ 6.5 ppg of sand. ISIP was 1700. 1662 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 2 hours & died w/ 150 bbls rec'd. SIFN.

6/14/2007 Day: 3

Completion

NC #1 on 6/13/2007 - 4:00PM MIRU NC#1, R/U R/pmp & pmp Lines,7:00PM C/SDFN.

6/15/2007 Day: 4

Completion

NC #1 on 6/14/2007 - 6:30AM OWU, N/D 10,000 BOP & Frac H/D, N/U 3,000 Finge & 5,000 BOP, RIH W/-4 3/4 Bit, Bit Sub, 146 Jts Tbg To Fill @ 4471', R/U R/pmp, R/U Nabors Pwr Swvl, C/Out To Plg @ 4640', Drill Up Plg, Swvl I/Hle To Fill @ 4698', C/Out To Plg @ 4760', Drill Up Plg, SWI, 6:00PM C/SDFN. EOB @ 4761'.

#### 6/18/2007 Day: 5

Completion

NC #1 on 6/17/2007 - 6:30AM OWU, RIH W/-Tbg To Plg @ 4960', Drill Up Plg, Swvl I/Hle To Fill @ 5428', C/Out To Plg @ 5510', Drill Up Plg, Swvl I/Hle To Fill @ 5651', C/Out To PBTD @ 5715', Curc Well Clean 1 Hr, POOH W/-5 Jts Tbg, EOB @ 5590', R/U Swab, RIH IFL @ Surf, Made 14 Swab Runs, Recvred 159 Bbls Wtr, Lite Trce Sand, Lite Trce Oil, FFL @ , RIH W/Tbg To Fill @ 5710', C/Out To PBTD @ 5715', Curc Well Clean, POOH W/-187 Jts Tbg, Bit Sub & Bit. P/U & RIH W/-N/C, 1 Jt Tbg, S/N, 1 Jt Tbg, 5 1/2 T/A, 181 Jts Tbg, SWI, 6:00PM C/SDFN, Lost 28 Bbls Wtr On Drill Out To PBTD, Recvred 159 Bbls Wtr Swabbing, Lost 73 Bbls Wtr On Curc Out @ PBTD, Total Wtr Recvery For Day = 58 Bbls.

#### 6/19/2007 Day: 6

Completion

NC #1 on 6/18/2007 - 6:30AM OWU, N/D BOP, Set T/A In 15,000 Tension, N/U W/-HD. R/U R/pmp, Flsh Tbg W/-60 Bbls Wtr, P/U Stroke & RIH W/-CDI-2 1/2x1 1/2x20x20 1/2' RHAC & Rod String Shown Below. R/U Unit, Hle Standing Full, Stroke pmp & Tbg To 800 Psi W/-Rig Good Test. R/D Rig & Eq, M/Out @ 12:30PM, Leave Unit Down Due To Plumbing Of Dry Gas, Unit Has 120" SL, Lost 11 Bbls Wtr Flushing Tbg W/-60 Bbls @ 6:30 AM, (Final Report).

**Pertinent Files:** Go to File List

SUBMIT IN DUPLICATE\* FORM APPROVED

See other in- OMB N

(See other instructions ons reverse side) OMB NO. 1004-0137

Expires: February 28, 1995

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

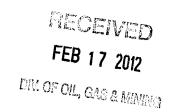
5. LEASE DESIGNATION AND SERIAL NO.

		BUKE	AU UP	LAND	VIANAGEIVI	IEN	<u> </u>			<u></u>		-74392
WELL C	OMPL	ETION	OR R	ECOMI	PLETION	R	EPORT A	ND LOG*		6. IF INDIAN		OR TRIBE NAME
1a. TYPE OF WORK					<del></del>					7. UNIT AGR		
		OIL WELL	x	GAS WELL	DRY		Other				Fe	deral
1b. TYPE OF WELL		WELL		WELL [			•					
_				_		_				8. FARM OR	LEASE NAM	IE, WELL NO.
NEW X	WORK OVER	DEEPEN		PLUG BACK	DIFF RESVR.		Other			l 1	Federal	15-22-9-16
2. NAME OF OPERATOR	OVER			2	Tabo Ta	ш	- Cuite			9. WELL NO.		
		Ne	wfield E	Exploration	on Compar	ıy						3-33167
3. ADDRESS AND TELEPHO		404 4745	Ct C	4- 1000	Denver C		0202			10. FIELD AN		
4. LOCATION OF WELI					Denver, C					II SEC T P		ock and survey
At Surface	(Keport Ioca	355	FSL & 1	987' FEL (	(SW/SE) Sec.	22,	T9S, R16E			OR AREA	c., M., OK BL	OCK AND SORVET
At top prod. Interval repo	rted below										Sec. 22,	T9S, R16E
							<del></del>					
At total depth				14. API NO.	040 00407		DATE ISSUED	6/08/06		12. COUNTY (		13. STATE
15. DATE SPUDDED 1	6. DATE T.D. R	EACHED	12 DA	TE COMPL. (R	013-33167	-	18. ELEVATIONS (D		rc )*	Duc	hesne	19. ELEV. CASINGHEAD
04/18/07		21/07	17. DA		18/07		5846		ic.)·	5858' KE	3	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & T		21. PLUG BAC	K T.D., MD	& TVD	22. IF MULTI		OMPL.,	23. INTERVALS	RO1	ARY TOOLS		CABLE TOOLS
F7701			E71E!		HOW MA	NY*		DRILLED BY		V		
5770' 24. PRODUCING INTERVAL	(S) OF THIS (	OMPLETION	5715'	OM. NAME /N	I (D AND TVD)*		<u>.</u>	>		X		25. WAS DIRECTIONAL
27. PRODUCING INTERVAL	And This	CAN PETION			River 442	5'_5	582'					SURVEY MADE
				Green	NIVEL TTE	J -J.	302					No
26. TYPE ELECTRIC AND C	THER LOGS R	UN						\D_	_			27. WAS WELL CORED
Dual Induction G	Suard, SF	, Compe	nsated						Cem	ent Bond	Log	No
23. CASING SIZE/GR	ADE	WEIGHT,	I B /FT		G RECORD (Re H SET (MD)	port	all strings set in w HOLE SIZE		MENT. CE	MENTING REC	CORD	AMOUNT PULLED
8-5/8" - J-		24			316'		12-1/4"	To surface				TIMOON TOBBB
5-1/2" - J-	55	15.	5#	5	769'		7-7/8"	325 sx Prem	lite II ar	nd 425 sx 50	0/50 Poz	
29.	TOP (		ER RECO	M (MD)	SACKS CEMEN	т• Т	SCREEN (MD)	30. SIZE		TUBING RE DEPTH SET (M		PACKER SET (MD)
SIZE	TOP (	MD)	вотте	JM (MD)	SACKS CEMEN	1	SCREEN (MD)	2-7/8"		EOT @		TA @
										5630'		5565'
31. PERFORATION RECO	RD (Interval, si	ze and number					32.	ACID, SHOT,	FRACT			
INTE	RVAL	574'-5582'		<u>ZE</u> 9"	<u>SPF/NUMBE</u> 4/32	ER	DEPTH INTE		Eroc			MATERIAL USED and in 325 bbls fluid
CP3, 2, & 1) 5402'-1				6"	4/116	$\dashv$						and in 403 bbls fluid
CP3, 2, & 1) 5402-13		, 5330-40 ) 4852'-64'		6"	4/48							and in 287 bbls fluid
		) 4656'-62'		6"	4/24	$\dashv$	4656'-			Frac w/ 14,664# 20/40 sand in 237 bb		
		425'-4431'		6"	4/24	一	4425'-4431'		Frac w/ 22,099# 20/40 sand in 274 bbl			
	<u> </u>			<del>-</del>		寸				·		
			***									
33.*					PROD						WELL 63	CATTIO (Des desdes es desdes)
DATE FIRST PRODUCTION  06/18/07		PRODUCTIO	и метнор 2-1/2	(Flowing, gas 2" x 1-1/2	lift, pumpingsize a 2" x 20' x 20	na typ ) 1/:	e of pump) 2'RHAC SM	Plunger Pu	amı			ATUS (Producing or shut-in) RODUCING
DATE OF TEST		RS TESTED	СНОКІ	E SIZE	PROD'N. FOR		BBLS.	GASMCF.		ERBBL.		GAS-OIL RATIO
10 day ave	'				TEST PERIOD		42	22	1	96		524
FLOW, TUBING PRESS.		ING PRESSURI	E CALCI	JLATED	OIL-BBL.	Ь	GARE(	SENTER	WATER		OIL GRAVI	ΓΥ-API (CORR.)
. Lo XI Toballo Tilabo				JR RATE	1		, nat		, I			
				>				1 1 2007				
34. DISPOSITION OF GAS (	Sold, used for fu	el, vented, etc.)	Sold	& Used	for Fuel		JUL	1 . 2007		TEST WITNES	SSED BY	
35. LIST OF ATTACHMEN	ΓS		Cold	<u> </u>			DIA ∪E UII	, GAS & MIN	ING	<u> </u>		
			$\rightarrow$				U.V. OI OII	-, Cono et min				
36. I hereby certify that	foregoing a	nd attached in	formation i	s complete a			d from all availabl	e records	- al -			7/0/0007
SIGNED	UJIAA	1/	<del>(-</del>		TITLE		Pro	oduction Cl	егк		DATE	
Jent <b>y</b> i Pa	.1.	<i>T</i>										JP

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and 38. GEOLOGIC MARKERS recoveries); FORMATION DESCRIPTION, CONTENTS, ETC. TOP воттом TOP NAME TRUE MEAS. DEPTH VERT. DEPTH Garden Gulch Mkr Well Name 3404' Federal 15-22-9-16 Garden Gulch 1 3615' Garden Gulch 2 3724' Point 3 Mkr 3954' X Mkr 4239' Y-Mkr 4271' Douglas Creek Mkr 4389' BiCarbonate Mkr 4615' B Limestone Mkr 4715' Castle Peak 5251' Basal Carbonate 5696' Total Depth (LOGGERS 5775'





February 9, 2012

Mr. Mark Reinbold State of Utah Division of Oil, Gas and Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well

Federal #15-22-9-16

Monument Butte Field, Lease #UTU-74392

Section 22-Township 9S-Range 16E

Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #15-22-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

# NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

FEDERAL #15-22-9-16

MONUMENT BUTTE FIELD (GREEN RIVER) FIELD

**LEASE #UTU-74392** 

**FEBRUARY 9, 2012** 

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### STATE OF UTAH DIVISION OF OIL, GAS AND MINING

**ADDRESS** 

Comments:

#### APPLICATION FOR INJECTION WELL - UIC FORM 1

1001 17th Street, Suite 2000

Denver, Colorado 80202

OPERATOR Newfield Production Company

Well Name an	d numb	er:	Federal #1	15-22-9-16						
Field or Unit na	ame: N	Monument E	Butte (Green	River)				Lease No	. UTU-743	92
Well Location:	QQ _	SWSE	section	22	township	98	_range	16E	county	Duchesne
Is this applicat	ion for	expansion o	of an existing	g project?.			Yes [ X	] No[]		
Will the propos	sed wel	l be used fo	or:	Disposal?	Recovery?		Yes[]	No [ X ]		
Is this applicat If this applicati has a casing Date of test: API number:	on is fo	r an existing een perform	g well,							
Proposed inject Proposed max Proposed inject mile of the wel	dimum ii otion zo	njection:	from rate [x ] oil, [ ] ç		to _pressure [ ] fresh wa	5715 1671 ater within	_ _psig 1/2			
		IMPOR	TANT:		l information ny this form.	as require	d by R61	5-5-2 should		
List of Attachm	nents:_		Attachmer	nts "A" thro	ugh "H-1"					
I certify that the Name: Title Phone No.	Eric S Regul	t is true and undberg atory Lead 893-0102		o the best o	of my knowle _ Signature _ Date _	edge.	2	7		
(State use only Application app Approval Date	proved	by					_ Title			

## Federal 15-22-9-16

Spud Date: 4/17/2007 Initial Production: BOPD, Put on Production: 6-18-2007 Proposed Injection MCFD, BWPD Wellbore Diagram GL: 5846' KB: 5858' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" Cement top @ Surface 06-11-07 5574-5582' Frac CP5 sands as follows: 19614# 20/40 sand in 325 bbls Lightning 17 GRADE: LSS frac fluid. Treated @ avg press of 2433 psi w/avg rate of 24.8 BPM. ISIP 2430 psi. Calc WEIGHT: 24# Casing Shoe @ 316' flush: 5572 gal. Actual flush: 5124 gal. LENGTH: 7 jts (304.31') 06-11-07 5330-5415' Frac CP3, CP2, & CP1 sands as follows: DEPTH LANDED: 316.16' KB 34912# 20/40 sand in 403 bbls Lightning 17 HOLE SIZE: 12-1/4" frac fluid. Treated @ avg press of 2224 psi w/avg rate of 24.8 BPM. ISIP 1976 psi. Calc flush: 4328 gal. Actual flush: 4872 gal. CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. 06-11-07 4852-4864 Frac A1 sands as follows: 19473# 20/40 sand in 287 bbls Lightning 17 frac fluid. Treated @ avg press of 1777 psi w/avg rate of 24.8 BPM. ISIP 1860 psi. Calc flush: 4850 gal. Actual flush: 4410 gal. PRODUCTION CASING 06-11-07 4656-46623 Frac B1 sands as follows: 14664# 20/40 sand in 237 bbls Lightning 17 CSG SIZE: 5-1/2" frac fluid. Treated @ avg press of 1924 w/ avg rate of 24.8 BPM. ISIP 1720 psi. Calc GRADE: J-55 flush: 4654 gal. Actual flush: 4200 gal. WEIGHT: 15,5# LENGTH: 133 its. (5764 96') 06-11-07 4425-4431' Frac D1 sands as follows: 22099# 20/40 sand in 274 bbls Lightning 17 DEPTH LANDED: 5768.96' KB frac fluid. Treated @ avg press of 2182 w. HOLE SIZE: 7-7/8" avg rate of 24.8 BPM ISIP 1700 psi. Calc flush: 4423 gal. Actual flush: 3948 gal. CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ. 7/23/07 Pump change: Updated rod & tuning detail CEMENT TOP AT: Surface' 05/29/08 pump change. Updated rod and tubing detail. 5/11/09 Tubing Leak Updated r & t details SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 181 jts (5532,55') TUBING ANCHOR: 5567.15 NO. OF JOINTS: 1 jts (32.45') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5600,70' NO. OF JOINTS: 1 jt (29.21') TOTAL STRING LENGTH: EOT @ 5643 653 PERFORATION RECORD Packer @ 4375' 4425-4431 06-07-07 5574-5582' 4 JSPF 32 holes 06-11-07 5402-5415' 4 JSPF 52 holes 4656-4662 06-11-07 5363-5369' 4 ISPE 24 holes 4852-4864 06-11-07 5330-5340' 4 JSPF 40 holes 06-11-07 4852-4864' 4 ISPF 48 holes 5330-5340° 06-11-07 4656-4662' 4 JSPF 24 holes 5363-5369 06-11-07 4425-4431' 4 JSPF 24 holes 5402-5415\* 5574-5582 **NEWFIELD** PBTD @ 5715' Federal 15-22-9-16 TD @ 5800' 355' FSL & 1987' FEL

SW/SE Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33167; Lease # UTU-74392

#### WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

## REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
  - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17<sup>th</sup> Street, Suite 2000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Federal #15-22-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Federal #15-22-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3722' - 5715'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3402' and the TD is at 5800'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Federal #15-22-9-16 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-74392) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

#### REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 316' KB, and 5-1/2", 15.5# casing run from surface to 5769' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1671 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Federal #15-22-9-16, for existing perforations (4425' - 5582') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1671 psig. We may add additional perforations between 3402' and 5800'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Federal #15-22-9-16, the proposed injection zone (3722' - 5715') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-10.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

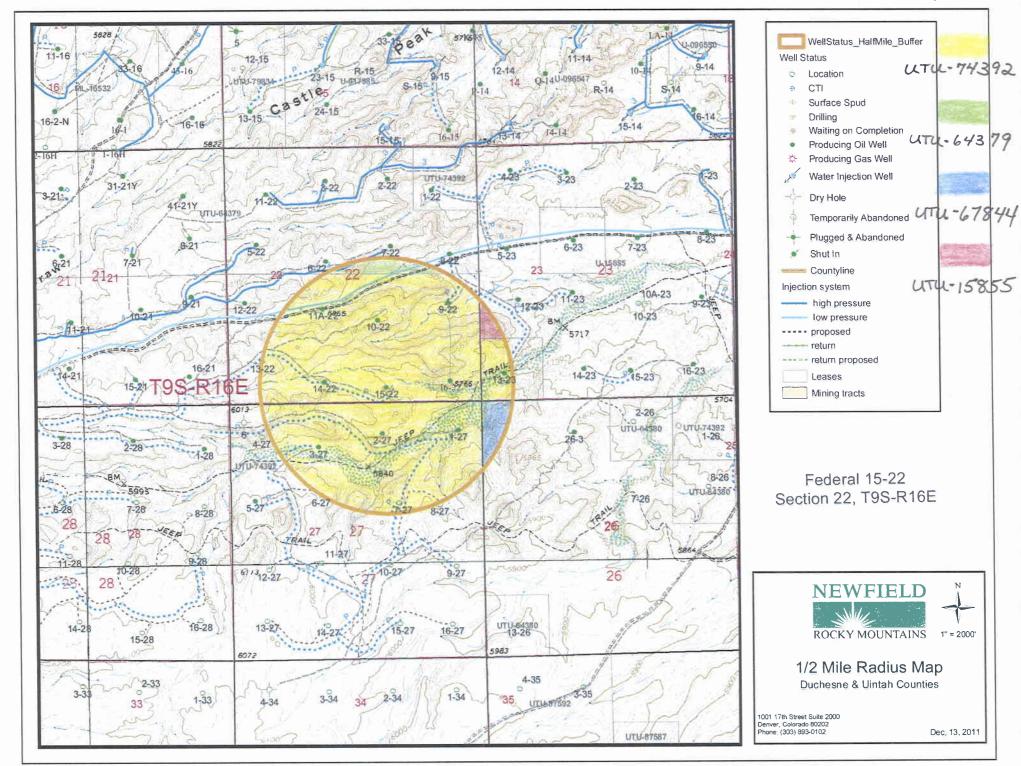
2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.

## ATTACHMENT A



## T9S, R16E, S.L.B.&M.

## S89°57'W - 79.16 (G.L.O.) 2629.55' (Measured) S89°25'16"W - 2639.18' (Meas.) S89'57'W G.L.O. (Basis of Bearings) 1910 Brass Cap Bross Cap Brass Cap 2637.20' (Meas.) NO0.36'35"W WELL LOCATION: 9 MILE 15-22-9-16 ELEV. UNGRADED GROUND = 5845.6' N00'02'W (G.L.O.) 1910 Brass Cap 1910 Brass Cap 2644.62' Proposed DRILLING NOO'24'02"W Detail No Scale 1987 See Detail At Left 1910 Bross Cap Brass Cap Brass Cap S88'53'03"W - 2662.67' (Meas.) N89°53'02"W - 2629.46' (Meas.)

S89'58'W - 79.82 (G.L.O.)

= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE) 9 MILE 15-22-9-16 (Surface Location) NAD 83 LATITUDE = 40° 00' 36.09" LONGITUDE = 110° 06' 10.93"

## NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 15-22-9-16, LOCATED AS SHOWN IN THE SW 1/4 SE 1/4 OF SECTION 22, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PENT WAS PREPARED FROM FIELD NOTES OF ACTUME SURVEYS MADE BY ME OR UNDER ANY SUPPROSED NAME THAT THE SAME ARE TRUE AND SORRECT TO THE BEST OF MY KNOWLEDGE AND SPLIES NO.189377

REGISTERED LAND SURVEYOR REGISTRATION NO. 20033700 STATE OF STATE

## TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 03-31-06	SURVEYED BY: C.M.
DATE DRAWN: 4-5-06	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

### **EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 21: S2	UTU-74392	Newfield RMI LLC	
	Section 22: NENE, S2	HBP	ABO Petroleum Corp	
	Section 23: SWSW		MYCO Industries Inc	
	Section 24: SESE		OXY Y-1 Company	
	Section 26: NENE		Yates Petroleum Corp	
	Section 27: All			
	Section 28: All			
2	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 8: SWNE, SE	UTU-64379	Newfield RMI LLC	
	Section 9: SWSW	HBP	Yates Petroleum Corp	
	Section 17: NE			
	Section 18: E2SW, SE, LOTS 3,4			
	Section 19: NE, E2NW, LOTS 1,2			
	Section 21: N2			
	Section 22: W2NE, SENE, NW			
3	T9S-R16E SLM	USA	Newfield Production Company	USA
	Section 23: E2, NW, E2SW, NWSW	UTU-15855	Newfield RMI LLC	
	Section 24: N2, SW, N2SE, SWSE	НВР	Bee Hive Oil LLC	
			Journey Properties LLC	
			King Oil & Gas of Texas ITD	
			Six Gold Oil LLc	
			Stone Energy Corp	
4	T9S-R16E SLM	USA	Gasco Production Company	USA
	Section 25: W2SW, SESW	UTU-67844	III Exploration Company	
	Section 26: SWNE, NW, N2SW, SESW, SE	НВР	III Exploration II LP	
			QEP Energy Company	

### ATTACHMENT C

## CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Application for Approval of Class II Injection Well Federal #15-22-9-16
	certify that a copy of the injection application has been provided to all surface owners within a fmile radius of the proposed injection well.
Signed:	Newfield Production Company Eric Sundberg Regulatory Lead
Sworn to	o and subscribed before me this 9th day of February, 2012.
Notary F	Public in and for the State of Colorado: andice L. Duntly
My Con	My Commission Expires  O2/10/2013  OICE L. 2006



## Federal 15-22-9-16

Spud Date: 4/17/2007 Put on Production: 6-18-2007

GL: 5846' KB: 5858' SURFACE CASING

LENGTH: 7 jts (304,31')

HOLE SIZE: 12-1/4"

DEPTH LANDED: 316,16' KB

PRODUCTION CASING

LENGTH: 133 jts. (5764.96')

DEPTH LANDED: 5768,96' KB

CSG SIZE: 5-1/2\*

GRADE: J-55

WEIGHT: 15,5#

HOLE SIZE: 7-7/8"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

CEMENT DATA: 325 sxs Prem, Lite II mixed & 425 sxs 50/50 POZ,

CSG SIZE: 8-5/8"

GRADE: J-55 WEIGHT: 24# Wellbore Diagram

Cement top @ Surface'

Casing Shoe @ 316'

Initial Production: BOPD. MCFD, BWPD

#### FRAC JOB

7/23/07

05/29/08

5/11/09

06-11-07 5574-5582' Frac CP5 sands as follows: 19614# 20/40 sand in 325 bbls Lightning 17 frac fluid. Treated @ avg press of 2433 psi w/avg rate of 24.8 BPM. ISIP 2430 psi. Calc flush: 5572 gal. Actual flush: 5124 gal.

06-11-07 5330-5415 Frac CP3, CP2, & CP1 sands as follows: 34912# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2224 psi w/avg rate of 24.8 BPM. ISIP 1976 psi, Calc flush: 4328 gal. Actual flush: 4872 gal.

06-11-07 4852-4864' Frac A1 sands as follows: 19473# 20/40 sand in 287 bbls Lightning 17

frac fluid. Treated @ avg press of 1777 psi w/avg rate of 24.8 BPM, ISIP 1860 psi, Calc flush: 4850 gal. Actual flush: 4410 gal.

06-11-07 4656-4662 Frac B1 sands as follows: 14664# 20/40 sand in 237 bbls Lightning 17 frac fluid. Treated @ avg press of 1924 w/ avg rate of 24 8 BPM ISIP 1720 psi Calc flush: 4654 gal. Actual flush: 4200 gal.

06-11-07 4425-4431' Frac D1 sands as follows:

22099# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2182 w/ avg rate of 24.8 BPM. ISIP 1700 psi. Calc flush: 4423 gal. Actual flush: 3948 gal. Pump change: Updated rod & tuning detail pump change Updated rod and tubing detail. Tubing Leak Updated r & t details

## CEMENT TOP AT: Surface'

SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 181 jts (5532,55') TUBING ANCHOR: 5567-15 NO. OF JOINTS: 1 jts (32,45') SEATING NIPPLE: 2-7/8" (1,10') SN LANDED AT: 5600,70' NO OF JOINTS: 1 jt (29.21')

TOTAL STRING LENGTH: EOT @ 5643,65'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 26"

SUCKER RODS: 1-6', 1-2' x3/4" pony rods, 101-3/4 x 25' guided rods, 76-3/4 x 25' slick rods, 40- 34 x 25' guided rods, 6-1 1/2 x 25' wt bars

PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20' x 15 1/2' RHAC

STROKE LENGTH: 100" PUMP SPEED, SPM: 4.5 SPM 5330-5340'

4425-4431 4656-4662

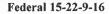
4852-4864

TD @ 5800'

5574-5582

SN 5601'

#### **NEWFIELD**



355' FSL & 1987' FEL

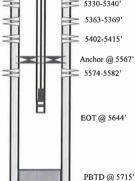
SW/SE Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33167; Lease # UTU-74392

#### PERFORATION RECORD 00 07 07 FF74 FF001 A 10DE 201-1

06-07-07	5574-5582	4 JSPF	32 holes
06-11-07	5402-5415'	4 JSPF	52 holes
06-11-07	5363-5369'	4 JSPF	24 holes
06-11-07	5330-5340'	4 JSPF	40 holes
06-11-07	4852-4864'	4 JSPF	48 holes
06-11-07	4656-4662'	4 JSPF	24 holes
06-11-07	4425-4431'	4 JSPF	24 holes



Attachment E-1

## Federal 9-22-9-16

Spud Date: 4-19-2007 Put on Production: 6-08-2007

GL: 5803' KB: 5815'

#### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (309.25') DEPTH LANDED: 322.91' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

### Wellbore Diagram

Initial Production: BOPD, MCFD, BWPD

#### FRAC JOB

06-05-07 5630-5642' Frac CP5 sands as follows:
39984# 20/40 sand in 405 bbls Lightning 17
frac fluid Treated @ avg press of 1953 psi
w/avg rate of 24 7 BPM. ISIP 2165 psi. Calc
flush: 5328 gal. Actual flush: 5208 gal.

06-05-07 5518-5528'

Frac CP4 sands as follows: 25037# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 2283 psi w/avg rate of 24 7 BPM. ISIP 2241 psi. Calc flush: 5516 gal. Actual flush: 4998 gal.

06-05-07 4885-4899' Frac A1 sands as follows:

59792# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24 7 BPM, ISIP 2240 psi. Calc flush: 4883 gal. Actual flush: 4368 gal.

06-05-07 3837-3846'

Frac GB2 sands as follows: 35741# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1806 w/ avg rate of 24 7 BPM. ISIP 2950 psi. Calc flush: 3835 gal. Actual flush: 3738 gal.

12-13-07

Pump Change Updated rod & tubing details

1-30-08

Pump Change Updated rod & tubing details

8-29-08 1/23/09 10/05/11

3837-3846

4885-4899

5518-5528'

Anchor @ 5620'

EOT @ 5713'

Pump Change. Updated rod &tubing details.

Pump Change. Updated r & t details.

Pump Change Rods & tubing updated

## PRODUCTION CASING \_ CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 133 jts. (5855 48')

DEPTH LANDED: 5852,48' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ

CEMENT TOP AT: 68'

#### <u>TUBING</u>

SIZE/GRADE/WT : 2-7/8" / J-55

NO OF JOINTS: 182 jts (5608 ')

TUBING ANCHOR 5620

NO. OF JOINTS: 1 jts (28,32') SEATING NIPPLE: 2-7/8" (1,10')

SN LANDED AT: 5651'

SIN LANDED AT . 3031

NO OF JOINTS: 2 jts (60,92')

TOTAL STRING LENGTH: EOT @ 5713'

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 26'

SUCKER RODS: 1-2', 4', 6'  $\times$  8'  $\times$  3'  $\times$  4" pony rods, 99-  $\times$  9 guided rods, 69-  $\times$  9 guided rods, 6-1  $\times$  9 sinker bars,

PUMP SIZE: 2-1/2" x 1-1/4" x 16' x 22' RHAC

STROKE LENGTH: 120"

PUMP SPEED, SPM: 5 SPM

#### PERFORATION RECORD

 05-30-07
 5630-5642'
 4 JSPF
 48 holes

 06-05-07
 5518-5528'
 4 JSPF
 40 holes

 06-05-07
 4885-4899'
 4 JSPF
 96 holes

 06-05-07
 3837-3846'
 4 JSPF
 36 holes

## NEWFIELD

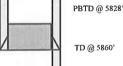
#### Federal 9-22-9-16

2079' FSL & 668' FEL

NE/SE Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33175; Lease # UTU-74392



## ATTACHMENT E-2

## FEDERAL 10-22-9-16

Spud Date: 04/26/07 Put on Production: 06/29/07

GL: 5955' KB: 5967'

Wellbore Diagram

Initial Production: MCFD, BWPD

BOPD.

#### SURFACE CASING

CSG SIZE 8-5/8 GRADE J-55 WEIGHT: 24# LENGTH 7 jts (310 97')

DEPTH LANDED 322 82' KB

HOLE SIZE 12-1/4

CEMENT DATA 160 sxs Class "G" cmt, est 6 bbls cmt to surf

### FRAC JOB

06/26/07 5150-5178

06/26/07 4977-4998"

06/26/07 4806-4835

06/26/07 4682-4688

06/26/07 4560-4565

05/28/08

6/21/2010

6/23/2010

3/15/11

4560-4565

4571-4576

4682-4688

4806-4817

4830-4835

4977-4998

5150-5178

Anchor @ 5697

5730-5740

EOT @ 5764' PBTD @ 5861'

SHOE @ 5917'

TD @ 5925'

06/25/07 5730-5740 Frac CP5 sands as follows: 40069# 20/40 sand in 408 bbls Lightning 17

frac fluid\_ Treated @ avg press of 1945 psi w/avg rate of 24.7 BPM ISIP 2163 psi Calc flush: 5728 gal. Actual flush: 5208 gal.

Frac LODC sands as follows: 126558# 20/40 sand in 899 bbls Lightning 17 frac fluid Treated @ avg press of 2216 psi w/avg rate of 24 7 BPM ISIP 2676 psi Calc flush, 5148 gal. Actual flush, 4662 gal.

Frac A1 sands as follows:

94957# 20/40 sand in 708 bbls Lightning 17 frac fluid. Treated @ avg press of 1623 psi w/avg rate of 24 7 BPM, ISIP 1945 psi Calc flush 4975 gal Actual flush 4494 gal

Frac B2 & B1 sands as follows:

61885# 20/40 sand in 508 bbls Lightning 17 frac fluid. Treated @ avg press of 1689 psi w/avg rate of 24 7 BPM, ISIP 1825 psi Calc flush 4804 gal Actual flush 4326 gal

Frac D3 sands as follows:

12609# 20/40 sand in 241 bbls Lightning 17 frac fluid Treated @ avg press of 2133 psi w/avg rate of 24 7 BPM. ISIP 1776 psi Calc flush: 4680 gal. Actual flush: 4221 gal.

Frac D1 sands as follows:

16073# 20/40 sand in 246 bbls Lightning 17 frac fluid Treated @ avg press of 1881 psi w/avg rate of 24 7 BPM, ISIP 1857 psi Calc flush 4558 gal. Actual flush 4494 gal

pump change. Updated rod and tubing details

Parted rods. Updated rod and tubing detail. Parted rods, Updated rod and tubing detail.

Parted rods. Updated rod and tubing detail.

#### PRODUCTION CASING

CSG SIZE 5-1/2 GRADE 1-55 WEIGHT 15.5#

LENGTH 133 jts (5904.01')

DEPTH LANDED: 5917 26' KB

HOLE SIZE 7-7/8"

CEMENT DATA 300 sxs Prem Lite II mixed & 425 sxs 50/50 POZ

CEMENT TOP 160

#### TUBING

SIZE/GRADE/WT 2-7/8 / J-55 / 6.5# NO OF JOINTS 182 jts (5685.0') TUBING ANCHOR 5697 0" KB NO OF JOINTS | jts (3|4') SEATING NIPPLE: 2-7/8" (1-10') SN LANDED AT 5731 2 KB NO OF JOINTS | 1 jts (31.7") TOTAL STRING LENGTH EOT @ 5764 KB

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods

SUCKER RODS:  $2 \times \frac{3}{4}^n - 8^n$  pony rod,  $1 \times \frac{3}{4}^n = 6^n$  pony rod,  $1 \times \frac{3}{4}^n = 8^n$  pony rod,  $98-3/4^n = 2450^n$  guided rods,  $93-\frac{3}{4}^n = 2325^n$  sucker rods,  $30-\frac{3}{4}^n = 750^n$  guided rods,  $6-1\frac{3}{2}^n = 150^n$  weight bars

PUMP SIZE 2 1/2" x 1 1/4" x 12 x 16" RHAC

STROKE LENGTH 86

PUMP SPEED, SPM: 5



06/21/07	5730-5740'	4 JSPF	40 holes
06/25/07	5150-5178'	4 JSPF	112 hotes
06/26/07	4977-4998'	4 JSPF	84 holes
06/26/07	4830-4835	4 JSPF	20 holes
06/26/07	4806-4817	4 JSPF	44 holes
06/26/07	4682-4688	4 JSPF	24 holes
06/26/07	4571-4576	4 JSPF	20 holes
06/26/07	4560-4565	4 JSPF	20 holes



#### FEDERAL 10-22-9-16

1736'FSL & 2137' FEL NW/SE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-33166; Lease # UTU-74392

## ATTACHMENT E-3

## Federal 11A-22-9-16

Spud Date 5-15-07 Put on Production: 7-18-07 GL: 5867' KB: 5879'

SURFACE CASING

LENGTH 7 ints (311 35)

HOLE SIZE 12-1/4"

DEPTH LANDED 323 21 KB

CSG SIZE 8-5/8"

GRADE: J-55

WEIGHT: 24#

Wellbore Diagram

Cement top@ 183

Initial Production: BOPD, MCFD. BWPD

#### FRAC JOB

7-13-07 4490-4495

06/25/08

1/18/2010

7-9-07 5601-5618 Frac CP5 sands as follows:

50556# 20/40 sand in 495 bbls Lightning 17 frac fluid Treated @ avg press of 1972 psi w/avg rate of 24 8 BPM ISIP 2200 psi Calc flush 5599 gal Actual flush 5082 gal

7-11-07 4885-4897

Frac A1 sands as follows: 70631# 20/40 sand in 616 bbls Lightning 17 frac fluid Treated @ avg press of 1959 psi w/avg rate of 24 8 BPM ISIP 2160 psi Calc flush: 48831 gal. Actual flush: 4410 gal. Frac D1 sands as follows:

20088# 20/40 sand in 310 bbls Lightning 17 frac fluid Treated @ avg press of 1769 psi w/avg rate of 24 8BPM ISIP 1908 psi Calc flush 4489 gal. Actual flush. 3990 gal. Frac GB4 sands as follows:

7-13-07 3940-3948

42107# 20/40 sand in 394 bbls Lightning 17 frac fluid 24 8BPM ISIP 1470psi Calc flush: 3938 gal Actual flush: 3906 gal Workover Rod & Tubing detail updated Tubing leak Updated rod and tubing detail

PRODUCTION CASING CSG SIZE 5-1/23

GRADE J-55 WEIGHT: 15:5#

LENGTH: 134 jts (5829 37) DEPTH LANDED 5842 62' KB

HOLE SIZE 7-7/8"

CEMENT DATA 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ

CEMENT DATA 160 sxs Class "G" cmt, est 3 bbls cmt to surf

CEMENT TO SURFACE 183

#### TUBING

SIZE/GRADE/WT\_2-7/8" / J-55 / 6\_5# NO OF JOINTS 178 its (5538.8') TUBING ANCHOR: 5538 8" KB NO OF JOINTS 2 jts (63.2') SEATING NIPPLE 2-7/8" (1 10") SN LANDED AT 5604.8 KB

NO OF JOINTS 2 jts (60 4')

TOTAL STRING LENGTH: EOT @ 5667' KB

#### SUCKER RODS

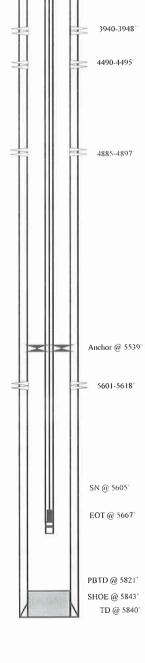
POLISHED ROD: 1-1/2" x 26" SM

SUCKER RODS 1-8" x 37" pony rod 1-4" x 37" pony rod 1-2" x 1" pony rod 100-37 guided rods 52-37 guided rods 66-37 guided rods 6-11 weight bars

PUMP SIZE 2-1/2" x 1-1/2" x 16" x 20' RHAC w/SM plunger

STROKE LENGTH: 120

PUMP SPEED, SPM: 5



#### PERFORATION RECORD

7-9-07 5601-5618' 4 JSPF 68 holes 7-18-07 4885-4897' 4 JSPF 48 holes 7-11-07 4490-4495 4 JSPF 20 holes 7-13-07 3940-3948 4 JSPF 32 holes



#### Federal 11A-22-9-16

2007' FSL & 1783' FWL NE/SW Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-33149; Lease #UTU-74392

## ATTACHMENT E-4

## Federal 13-22-9-16

Spud Date: 5-9-2007 Put on Production: 6-25-2007

GL: 5994' KB: 6006'

#### SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT 24#

LENGTH 7 jts (302 02')
DEPTH LANDED 313 87 KB

HOLE SIZE 12-1/4"

CEMENT DATA: 160 sxs Class: G cmt, est 3 bbls cmt to surf

#### PRODUCTION CASING

CSG SIZE: 5-1/2 GRADE: J-55 WEIGHT: 15.5#

LENGTH: 134 jts. (5879 22') DEPTH LANDED: 5892 47" KB

HOLE SIZE 7-7/8

CEMENT DATA 325 sxs Prem Lite II mixed & 425 sxs 50/50 POZ

CEMENT TOP AT: 60°

#### TUBING\_

SIZE/GRADE/NT. 2-7/8" / J-55 / 6.5# NO OF JOINTS 179 jts (5630.4") TUBING ANCHOR. 5630.4" KB NO OF JOINTS 1 jts (31.60") SEATING NIPPLE 2-7/8" (1.10") SN LANDED AT. 5664.8" KB

NO OF JOINTS: 2 jts (63.3°)

NO OF JOINTS: 2 JIS (0.5.5 )

TOTAL STRING LENGTH EOT @ 5730

#### SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM

SUCKER RODS 1 X  $^3$  i = 2° pony rods, 1 x  $^3$  i = 4° pony rods, 1 x  $^3$  i = 6° pony rods, 1 x  $^3$  i = 8° pony rods, 99-3 i = 2475° guided rods, 100-3 i = 2500° sucker rods, 20-3 i = 500° guided rods, 6-13 i = 150° weight bars, 1 x 1° = 4° stabilizer rod

PUMP SIZE 2-1/2" x 1-1/4" x 12 x 16" RHAC w/SM plunger

STROKE LENGTH 86 PUMP SPEED SPM 5 SPM



#### Federal 13-22-9-16

906' FSL & 702' FWL

SW/SW Section 22-T9S-R16E

Duchesne Co, Utah
API # 43-013-33148, Lease # UTU-74392

#### Wellbore Diagram

agram MCI

Initial Production: BOPD, MCFD, BWPD

#### FRAC JOB

06-19-07 5662-5672\* Frac CP5 sands as follows:
41156# 20/40 sand in 409 bbts Lightning 17
frac fluid Treated @ avg press of 1991 psi
w/avg rate of 218 BPM 1SIP 2175 psi Calc
flush 5660 gal Actual flush 5188 gal

06-19-07 5258-5286\* Frac LODC sands as follows:

6-19-07 528-5286 Fract CODE saints as rollows: 7961 Hz 20/40 sand in 602 bbls Lightning 17 frac fluid. Treated@avg press of 2528 psi

frac fluid Treated @ avg press of 2528 psi w/avg rate of 21 8 BPM TSIP 2750 psi Cale flush 5256 gal Actual flush: 4788 gal

06-18-07 5107-5136 Frac LODC sands as follows:

55106# 20/40 sand in 451 bbls Lightning 17 frac fluid. Treated @ avg press of 2838 psi w/avg rate of 24 7 BPM. ISIP 3235 psi. Calc flush. 5105 gal. Actual flush. 4620 gal.

06-19-07 4928-4942 Frac A1 sands as follows:

59043# 20/40 sand in 475 bbls Lightning 17 frac fluid Treated @ avg press of 1937 w/ avg rate of 24 7 BPM ISIP 2260 psi Calc flush 4926 gal Actual flush 4872 gal. Rod & Tubing detail unchanged. Rod & Tubing detail updated

08/27/07 Pump Change 5/29/08 Stuck pump 1/31/09 3/16/2011

4928-4942

5107-5115

5128-5136

5258-5264

5274-5286

Anchor @ 5642

EOT @ 57421

PBTD @ 5844'
SHOE @ 5893

TD @ 5900

5662-5672

Rod & Tubing detail updated
Pump Change Updated r & t detail
Pump Change Updated rod & tubing detail

#### PERFORATION RECORD

 06-18-07
 5662-5672°
 4 JSPF
 40 holes

 06-19-07
 5274-5286°
 4 JSPF
 48 holes

 06-19-07
 5258-5264°
 4 JSPF
 24 holes

 06-19-07
 5128-5136°
 4 JSPF
 32 holes

 06-19-07
 5103-5110°
 4 JSPF
 32 holes

 06-19-07
 4928-4942°
 4 JSPF
 56 holes



Spud Date: 4-25-07 Put on Production: 6-22-07 GL: 5894 KB: 5906 Fed. #14-22-9-16

## Wellbore Diagram

# SURFACE CASING CSG SIZE 8-5/8" GRADE J-55 Cement Top @ 104 WEIGHT 24# LENGTH 7 its (309 02") DEPTH LANDED 320 87 KB HOLE SIZE 12-1/4" CEMENT DATA To surface with 160 sx Class G cmt PRODUCTION CASING CSG SIZE 5-1/2" GRADE J-55 WEIGHT: 15.5# LENGTH: 142 jis (6165 44') DEPTH LANDED 5793 94" KB HOLE SIZE 7-7/8 CEMENT DATA 300 sx Prem Lite II & 400 sx 50 50 Poz CEMENT TOP 104 TUBING SIZE/GRADE/WT 2-7/8" / J-55 / 6 5# NO. OF JOINTS, 179 its (5577-57) TUBING ANCHOR 5589 57 KB NO OF JOINTS 1 jts (31 63') SEATING NIPPLE 2-7/8" (1 10") SN LANDED AT 5624 00 KB NO OF JOINTS + jts (31 57) TOTAL STRING LENGTH EOT @ 5657 12 KB 4680-4690 SUCKER RODS 4999-5005 POLISHED ROD 1-1/2" x 26" SUCKER RODS 3/4 x 4' Pony rod, 100-3/4 x 25" Scrapered Rods, 98-3/4" x 25 Slick Rods, 20-3 4 x 25 scrapered rods, 6-1 12 x 25 we bars PUMP SIZE 2 1.2 × 1.1.2 × 12× 15 RHAC 5045-5056 STROKE LENGTH 86" 5410-5416 PUMP SPEED, 5 SPM Anchor @ 5554 SN @5624 5620-5626 EOT @ 5657 PBTD @5740 NEWFIELD TD@ 5810'

## FRAC JOB

6/15/07 5620-5626 RU BJ & frac CP5 sds as follows: 14,228#'s of 20/40 sand in 265 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2740 w/ ave rate of 27 bpm w/ 6.5 ppg of sand ISIP was 2525 Actual flush 5166 gals

6/15/07 5410-5416 RU BJ & frac stage #2 as follows: 19.400# 20/40 sand in 298 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2147 w/ ave rate of 24 8 bpm w/ 6.5 ppg of sand ISIP was 2134 Actual flush 4014 gals

6/15/07 4999-5005 RU BJ & frac stage #3 as follows: 55,118# 20/40 sand in 482 bbls of Lightning 17 frac fluid Treated @ ave pressure of 2856 w/ ave rate of 24 8 bpm w/ 6 5 ppg of sand ISIP was 2986 Actual flush 4536 gals

6/15/07 4680-4690 RU BJ & frac stage #4 as follows: 61,337# 20/40 sand in 472 bbls of Lightning 17 frac fluid Treated @ ave pressure of 1703 w/ ave rate of 24 8 bpm w/ 8 ppg of sand 1SIP was 2056 Actual flush: 4662 gals

1/3/09

Pump Change Updated rod & tubing details

## PERFORATION RECORD

 06/15/07
 5620-5626'
 4 JSPF
 24 holes

 06/15/07
 5410-5416'
 4 JSPF
 112 holes

 06/15/07
 5045-5056'
 4 JSPF
 84 holes

 06/15/07
 4099-5005'
 4 JSPF
 20 holes

 06/15/07
 4680-4690'
 4 JSPF
 40 holes

Federal 14-22-9-16 477' FSL and 1988' FWL

SE/SW Sec. 22, T9S, 16E Duchesne Co, Utah API #43-013-33147; Lease #UTU-74392

# FEDERAL 16-22-9-16

Spud Date: 08/27/07 Put on Production 10/10/07

> NE/SE Section 22-T9S-R16E Duchesne Co. Utah ΔPI #43-013-33394; Lease # UTU-74392

Wellbore Diagram

Initial Production: BOPD. MCFD, BWPD

GL: 5800° KB: 5812° FRAC JOB SURFACE CASING 10/05/07 5035-5071 Frac A1 sands as follows: CSG SIZE: 8-5/8" Cement Top @ 39 140366# 20/40 sand in 1008 bbl Lightning 17 GRADE: J-55 frac fluid Treated @ avg press of 1851 psi w/avg rate of 24.8 BPM ISIP 2081 psi Calc flush 5033 gal Actual flush 4536 gal WEIGHT 24# LENGTH 7 jts (293 76") Frac A.5 sands as follows: 10/06/07 4964-4969 DEPTH LANDED 305.61 KB 15004# 20/40 sand in 274 bbls Lightning 17 HOLE SIZE 12-1/4 frac fluid Treated@ avg press of 2605 psi w/avg rate of 24 8 BPM 1SIP 1909 psi Calc CEMENT DATA 160 sxs Class "G" cmt. est 6 bbls cmt to surf flush 4962 gal Actual flush 4456 gal 10/05/07 4860-4867 Frac B2 sands as follows: 13965# 20/40 sand in 269 bbls Lightning 17 frac fluid. Treated@ avg press of 2130 psi w/avg rate of 24.8 BPM ISIP 1925 psi Calc flush, 4858 gal. Actual flush, 4355 gal. 10/05/07 4748-4760 Frac C sands as follows: 41811# 20/40 sand in 406 bbls Lightning 17 PRODUCTION CASING frac fluid Treated @ avg press of 2620 psi CSG SIZE 5-1/2 w/avg rate of 24 8 BPM ISIP 2235 psi Calc GRADE: J-55 flush 4746 gal Actual flush 4662 gal WEIGHT: 15.5# LENGTH ? jis (\*) parted rods. Updated rod and tubing detail 6/17/08 DEPTH LANDED 9" KB 11/19/08 Pump Change Updated rod &tubing details HOLE SIZE 7-7/8 Tubing Leak Updated r & t details 2/13/09 CEMENT DATA 2 sxs Prem. Lite II mixed & 2 sxs 50/50 POZ Tubing leak. Updated rod and tubing detail 6/18/2010 CEMENT TOP 39 TUBING\_ SIZE/GRADE/WT 2-7/8" / J-55 / 6 5# NO OF JOINTS 162 its (4993.8°) TUBING ANCHOR: 5005 8" KB NO OF JOINTS 2 jts (64 l') SEATING NIPPLE 2-7/8" (1 10") SN LANDED AT: 5072.8° NO OF JOINTS 2 jts (61 40") TOTAL STRING LENGTH EOT @ 5136 KB PERFORATION RECORD 4748-4760 SUCKER RODS 10/02/07 5035-5071 4 JSPF 144 holes 4860-4867 10/05/07 4964-4969" 4 JSPF 20 holes POLISHED ROD 1-1/2" x 26' SM polished rods 4 JSPF 28 holes 10/05/07 4860-4867 SUCKER RODS 2-4"x 7/8" pony rods, 1-4" x 7/8" pony rod, 1-6" x 7/8" pony 10/05/07 4748-4760 4 JSPF 48 holes rod 197- 7/8 guided rods (8 per) 4-3 x 1 pony rods 4- 1 1 weight bars PUMP SIZE CDI 2-1/2" x 1-3/4" x 16 x 20 RHAC STROKE LENGTH 123 Anchor @ 5020 PUMP SPEED, SPM 5 5035-5071 SN@ 5053" EOT @ 5116 PBTD @ 5440° NEWFIELD SHOE @ FEDERAL 16-22-9-16 TD @ 6075 2068'FSL & 649' FEL

Attachment E-7

# Federal 13-23-9-16

Initial Production: ROPD Spud Date: 10/5/07 MCFD, BWPD Put on Production: 6/5/08 Wellbore Diagram GL: 5751' KB: 5763' FRAC JOB SURFACE CASING 10/26/07 5532-5548 Frac CP5 sands as follows: CSG SIZE: 8-5/8" 89901# 20/40 sand in 710 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1990 psi w/avg rate of 24.8 BPM, ISIP 2180 psi WEIGHT: 24# Frac LODC sands as follows: 10/26/07 4963-4972 LENGTH: 7 jts. (312,36') 56448# 20/40 sand in 493 bbl Lightning 17 frac fluid Treated @ avg press of 2830 psi w/avg rate of 24.8 BPM ISIP 3045 psi DEPTH LANDED: 322,58' KB HOLE SIZE:12-1/4" Frac A1 sands as follows: 06/03/08 4798-4822 159955# 20/40 sand in 1112 bbls Lightning CEMENT DATA: 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf. 17 frac fluid Treated @ avg press of 1807 psi w/avg rate of 26.6 BPM ISIP 1971 psi Frac B2 sands as follows: 06/03/08 4643-4600 99834# 20/40 sand in 748 bbls Lightning 17 frac fluid Treated @ avg press of 1930 psi w/avg rate of 25.5 BPM ISIP 2135 psi Frac C sands as follows: 06/03/08 4874-4888 79546# 20/40 sand in 617 bbls Lightning 17 PRODUCTION CASING frac fluid Treated @ avg press of 2034 psi w/avg rate of 26.3 BPM ISIP 1907 psi CSG SIZE: 5-1/2' GRADE: J-55 WEIGHT: 15.5# Pump change Updated rod and tubing detail 3/16/10 LENGTH: 150 jts. (5705 08') Cement Top @ 118' DEPTH LANDED: 5781.33' KB 1/8/2011 Pump Change Update rod and tubing details CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO OF JOINTS: 173 jts (5443.5') TUBING ANCHOR 5443 5' KB NO OF JOINTS: lits (31.4') 4506-4520' SEATING NIPPLE: 2-7/8" (1-10') SN LANDED AT: 5477,7' KB 4643-4650 NO OF JOINTS: 2 jts (63.0') TOTAL STRING LENGTH: EOT @ 5542' KB 4654-4660' 4798-4822 PERFORATION RECORD SUCKER RODS 5532-5548' 4 JSPF 64 holes 4963-4972 4963-4972' 4 JSPF 36 holes POLISHED ROD: 1-1/2" x 26' SM polished rods 4798-4822' 4 JSPF 96 holes SUCKER RODS: 1-3' x 3/4" pony rod, 1-8' x 3/4" pony rod, 100-3/4" guided 4654-4660' 4 JSPF 24 holes rods, 52-34" guided rods, 60-34" guided rods, 6-1 1/2" weight bars 4643-4650' 4 JSPF 28 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' x 16' RHAC Anchor @ 5444 4506-4520' 4 JSPF STROKE LENGTH: 74" PUMP SPEED, SPM: 5 SN 5478' 5532-55481 EOT @ 5542' PBTD @ 5676' NEWFIELD SHOE @ 5718' TD @ 5735' Federal 13-23-9-16 612' FSL & 466' FWL SW/SW Section 23-T9S-R16E Duchesne Co, Utah API #43-013-33180; Lease # UTU-74392

# Federal 1-27-9-16

Spud Date: 12/22/2009 Put on Production: 5/22/2009

GL: 5797 \* KB: 5809\*

Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"
GRADE J-55
WEIGHT 24#
LENGTH 7 jis (315 63")
DEPTH LANDED 327 48" KB
HOLE SIZE 12-1/4"
CEMENT DATA 160 sx class 'g' cmi

# PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE J-55 WEIGHT: 15.5# LENGTH jts (') DEPTH LANDED HOLE SIZE: 7-7/8"

CEMENT DATA 300 sx primlite and 400 sx 50/50 poz

CEMENT TOP AT 130°

SIZE/GRADE/WT 2-7/8" / J-55

## TUBING

NO OF JOINTS 178 jts (5500.9')
TUBING ANCHOR: 5512.9" KB
NO OF JOINTS: 1 jt (30.9")
SEATING NIPPLE 2-7/8" (1.10")
SN LANDED AT: 5546.6" KB
NO OF JOINTS: 1 jt (30.3")
NOTCHED COLLAR: 2-7/8"/ J-55 (5577.9')
TOTAL STRING LENGTH: EOT @ 5578"

# SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod

SUCKER RODS 1-8"  $\times$   $^{3}$  $^{4}$ " pony rod, 99-  $^{3}$  $^{4}$ " guided rods (4 per) 45-  $^{3}$  $^{4}$ " sucker rods, 71-  $^{3}$   $^{4}$  guided rods (4 per) 6-  $^{1}$  $^{2}$  weight bars

PUMP SIZE 2-  $^{1}$ <sub>2</sub>  $^{-}$   $\times$  1- $^{1}$ <sub>2</sub>  $^{+}$   $\times$  17  $^{+}$   $\times$  20 RHAC

STROKE LENGTH 106

PUMP SPEED, SPM: 5

# Cement top @ 130 4490-4502 4772-4788 4796-4808 Anchor @ 5513\* 5538-5548 SN @ 5547 EOT @ 5578' PBTD @ 5653'

TD @ 5700'

## FRAC JOB

5/22/2009 5538-5548' Frac CP5 sds as follows: 14,952# 20/40 sand in 296 bbls of Lightning 17 fluid Treated w/ ave pressure of 2493 psi @ ave rate of 26.8 BPM 1SIP 2248 psi

5/22/2009 4772-4808' Frac A1 sds as follows: 125,722#s of 20/40 sand in 898 bbls of Lightning 17 fluid Treated w/ ave pressure of 1798 psi @ ave rate of 26 9 BPM ISIP 2065 psi

5/22/2009 4490-4502' Frac C sds as follows: 46,703#'s of 20/40 sand in 458 bbls of Lightning 17 fluid Treated w/ ave pressure of 1861 psi @ ave rate of 26 9 BPM 1SIP 3554 psi

9/25/09

5/25/2010

Tubing Leak Updated rod & tubing

detail

5/6/2010 Stuck plunger on pump. Updated

rod and tubing detail Stuck pump Updated rod and

tubing detail

# PERFORATION RECORD

 5/22/09
 5538-5548'
 4 JSPF
 40 holes

 5/22/09
 4796-4808'
 4 JSPF
 48 holes

 5/22/09
 4772-4788'
 4 JSPF
 64 holes

 5/22/09
 4490-4502'
 4 JSPF
 48 holes



533' FSL & 503' FWL NE/NE Section 27-T9S-R16E

Uintah Co, Utah

API # 43-013-33350; Lease # UTU-74392

# Federal 2-27-9-16

Wellbore Diagram

Cement top @ 246

SN @ 4975"

Spud Date: 12/16/2008 Put on Production: 4/17/2009

GL: 5863' KB: 5875'

# SURFACE CASING

CSG SIZE 8-5/8" GRADE J-55 WEIGHT 24# LENGTH 7 jts (314 5') DEPTH LANDED 326 KB

HOLE SIZE 12-1/4

CEMENT DATA 160 sv class 'g' cmt

# PRODUCTION CASING

CSG SIZE 5-1/2"

GRADE J-55

WEIGHT: 15.5#

LENGTH 147 jts (5796 99')

DEPTH LANDED 5732

HOLE SIZE 7-7/8"

CEMENT DATA 280 sx primite and 400 sx 50/50 poz

CEMENT TOP AT 246

## TUBING

SIZE/GRADE/WT 2-7/8 / J-55 NO OF JOIN'TS 156 jts (4928 48')

TUBING ANCHOR 4943 KB

NO OF JOINTS 1 jt (30 83')

SEATING NIPPLE 2-7/8" (1 10')

SN LANDED AT 4975 16 KB

NO OF JOINTS 2 jts (62/21')

TOTAL STRING LENGTH EOT @ 5037 82'

# SUCKER RODS

POLISHED ROD 1 1/2" x 26' polished rod

SUCKER RODS 6-1 ½" weight rods, 20-3/4" guided rods, 72-3/4" slick rods, 100-3,4" guided rods, 1-4  $\times$  3/4" pony sub

PUMP SIZE 2.5 x 1.5 x 16 x 20 RHAC pump

STROKE LENGTH 86

PUMP SPEED, SPM: 5

# FRAC JOB

4532-4539

4631-4636

4658-4665

4818-4832

EOT @ 5038 PBTD @ 5695

TD @ 5750'

Anchor @ 4943 4945-4952

4/9/2009 4945-4952' Frac LODC sds as follows: 15,387#'s of 20/40 sand in 295 bbls of Lightning 17 fluid Treated w/ ave pressure of 2803 psi w/ ave rate of 24 4 BPM ISIP 2884

## PERFORATION RECORD

4945-4952' 4 JSPF 28 holes 4/9/09 4818-4832' 4 JSPF 56 holes 4/9/09 4631-4636' 4 JSPF 20 holes 4/9/09 4658-4665 4 JSPF 28 holes 4/9/09 4532-4539 4 JSPF 28 holes



# Federal 2-27-9-16

612' FNL & 2093' FEL

NW/NE Section 27-T9S-R16E

Uintah Co, Utah

API # 43-013-33351; Lease # UTU-74392

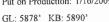
# Federal 3-27-9-16

Attachment E-10

Spud Date: 12/15/2008 Put on Production: 1/16/2009

Wellbore Diagram

Cement top @ 221



# CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT: 24#

SURFACE CASING

LENGTH: 7 jts (314,71')

DEPTH LANDED: 326,56' KB

HOLE SIZE: 12-1/4"

CEMENT DATA 1- 160, sxs Class "G" cmt, est 6 bbls cmt to surf.

# PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15,5#

LENGTH: 145 jts (5719,92') DEPTH LANDED: 5733\_17'

HOLE SIZE: 7-7/8

CEMENT DATA: 280 sx premlite and 400 sx 50/50 poz

CEMENT TOP AT: 221

## **TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55

NO. OF JOINTS: 168 jts (5275.51')

TUBING ANCHOR 5278.31' KB

NO. OF JOINTS: 1 jt (31.20')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 5310.61' KB

NO. OF JOINTS: 2 jts (63.22')

TOTAL STRING LENGTH: EOT @ 5374.28'

## SUCKER RODS

POLISHED ROD 1 1/2 x 26' polish rod

SUCKER RODS:  $\frac{1}{4}$  x  $\frac{4}{1}$ ,  $6^{1}$ ,  $-8^{1}$  pony rods, 99-3/4" guided rods, 9-3/4" slick rods, 4-3/4" guided rods, 6-1  $\frac{1}{4}$ " wt bars

PUMP SIZE: CDI 2 1/2 x 1 1/2 x 12 x 15' RHAC

STROKE LENGTH: 86"

PUMP SPEED, SPM: 5

# NEWFIELD

# Federal 3-27-9-16

883' FNL & 1839' FWL

NE/NW Section 27-T9S-R16E

Duchesne Co, Utah

API # 43-013-33352 ; Lease # UTU-74392

## FRAC JOB

1/13/09 5236-5294 RU BJ & frac CP sds as follows: 59,884# 20/40 sand in 518 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 1850 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2205. Actual flush: 4729 gals

1/13/09 4910-4921' RU BJ & frac stage #2 sds as follows: 40,194# 20/40 sand in 417 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2400 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2404. Actual flush: 4468 gals.

1/13/09 4784-4790' RU BJ & frac stage #3 sds as follows: 35,10# 20/40 sand in 379 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2150 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 2056. Actual flush: 4342 gals.

1/14/09 4676-4682' RU BJ & frac stage #4 sds as follows: 36,54# 20/40 sand in 404 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2148 @ ave rate of 23 bpm w/ 8 ppg of sand. ISIP was 1951. Actual flush. 4590 gals.

3/9/09

4676-4682

4784-4790

4910-4921

5236-5248

5280-5294

EOT @ 5374'

PBTD @ 5685' SHOE @ 5733'

TD @ 5735'

SN @ 5311

Anchor @ 5278'

Parted Rods, Updated r & t details.

7/22/09

Tubing Leak Updated rod & tubing details

# PERFORATION RECORD

1/14/09	4676-4682`	4 JSPF	24 holes
1/13/09	4784-4790'	4 JSPF	24 holes
1/13/09	4910-4921'	4 JSPF	44 holes
1/13/09	5236-5248'	4 JSPF	48 holes
1/13/09	5280-5294'	4 JSPF	56 holes

1553 East Highway 40 Vernal, UT 84078





Water Analysis Report

**NEWFIELD PRODUCTION** Production Company:

Calcium

Barium Sulfate

Sulfide

FEDERAL 15-22-9-16 Well Name:

Sample Point: Treater 1/3/2012 Sample Date: WA-204920 Sample ID:

Sales Rep: Darren Betts Lab Tech: Gary Peterson

Gypsum CaSO4-2H2O

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Speci	fics		Analysis @ Prop	perties in Sample Specifics	
Test Date:	1/3/2012	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	300.00	Sodium (Na):	10203.82	Chloride (CI):	13700.00
System Pressure 1 (psig):	3000.00	Potassium (K):	0.00	Sulfate (SO <sub>4</sub> ):	920.00
System Temperature 2 (°F):	70.00	Magnesium (Mg):	69.30	Bicarbonate (HCO3):	3416.00
System Pressure 2 (psig):	14.70	Calcium (Ca):	77.00	Carbonate (CO3):	0.00
Calculated Density (g/ml):	1.02	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
pH:	8.80	Barium (Ba):	0.32	Propionic Acid (C2H5COO)	0.00
Calculated TDS (mg/L):	28614.64	Iron (Fe):	224.00	Butanoic Acid (C3H7COO)	0.00
CO2 in Gas (%):	0.00	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
Dissolved CO <sub>2</sub> (mg/L)):	249.48	Lead (Pb):	0.00	Fluoride (F):	0.00
H <sub>2</sub> S in Gas (%):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Water (mg/L):	210.00	Manganese (Mn):	4.20	Silica (SiO2):	0.00

Iron

Notes:

P=12.3mg/l

(PTB = Pounds per Thousand Barrels)

NaCl

Zinc Sulfide

Celestite SrSO4

		Cuit	Milate			University of	mee	The state of the s	O I I I I	0000	Mark Riverson		- A		102-123		Arraica
remp (°F)	PSI	SI	РТВ	SI	РТВ	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ
70	14	2.07	66.57	0.75	0.16	7.18	123.59	4.31	162.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	2.09	66.62	0.51	0.13	6.95	123.59	4.42	162.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	2.13	66.68	0.32	0.10	6.78	123.59	4.52	162.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	2.17	66.75	0.17	0.06	6.67	123.59	4.61	162.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	2.23	66.83	0.06	0.02	6.61	123.59	4.69	162.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	2.29	66.91	0.00	0.00	6.58	123.59	4.75	162.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	2.36	66.98	0.00	0.00	6.58	123.59	4.81	162.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	2.44	67.06	0.00	0.00	6.61	123.59	4.85	162.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	2.53	67.12	0.00	0.00	6.65	123.59	4.88	162.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	2.62	67.17	0.00	0.00	6.71	123.59	4.89	162.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			hydrate		ydrate		cium		inc	L			Мg	(0)(	a Mg	C10	HATTER HATTER
			4~0.5H2 O		SO4		oride		oonate	Sı	lfide	Sil	icate		icate		icate
Temp (°F)	PSI		4~0.5H2				S-02-04///S-24							SI		Sil	icate PTB
Temp (°F)	PSI 14	# (T-200)	4 <sup>~</sup> 0.5H2 O	Ca	SO4	Flu	oride	Cart	oonate	Sı	lfide	Sil	icate		icate		
(°F)	THE PARTY.	SI	4 <sup>~</sup> 0.5H2 O PTB	SI	SO4 PTB	Flu Si	oride PTB	Cart	onate PTB	SI SI	lfide PTB	Sil	icate PTB	SI	lcate PTB	SI	PTB 0.00
(°F) 70	14	SI 0.00	4 <sup>~</sup> 0.5H2 O PTB 0.00	Si 0.00	SO4 PTB 0.00	SI 0.00	PTB 0.00	SI 0.00	PTB 0.00	SI 0.00	PTB 0.00	SI 0.00	PTB 0.00	SI 0.00	PTB 0.00	SI 0.00	O.00 0.00
(°F) 70 95	14 346	0.00 0.00	4 <sup>0</sup> 0.5H2 O PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	SI 0.00 0.00	PTB 0.00 0.00	0.00 0.00	PTB 0.00 0.00	0.00 0.00	O.00 0.00 0.00
(°F) 70 95 121	14 346 678	0.00 0.00 0.00	4 <sup>0.5H2</sup> OPTB 0.00 0.00 0.00	0.00 0.00 0.00	PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00	0.00 0.00 0.00	PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00	SI 0.00 0.00 0.00	PTB 0.00 0.00 0.00	0.00 0.00 0.00	PTB 0.00 0.00 0.00	0.00 0.00 0.00	9TB 0.00 0.00 0.00 0.00
(°F) 70 95 121 146	14 346 678 1009	0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00	0.00 0.00 0.00 0.00	904 PTB 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
70 95 121 146 172	14 346 678 1009 1341	0.00 0.00 0.00 0.00 0.00	PTB  0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	904 PTB 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00	SI 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00	0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00
70 95 121 146 172 197	14 346 678 1009 1341 1673	0.00 0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00	0.00 0.00 0.00 0.00 0.00 0.00	904 PTB 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00  0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00  0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00  0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00  0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.000 0.000 0.000 0.000 0.000 0.000 0.000
70 95 121 146 172 197 223	14 346 678 1009 1341 1673 2004	0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	904 PTB 0.00 0.00 0.00 0.00 0.00 0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB  0.00  0.00  0.00  0.00  0.00  0.00  0.00  0.00	SI 0.00 0.00 0.00 0.00 0.00 0.00 0.00	PTB  0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00	РТВ

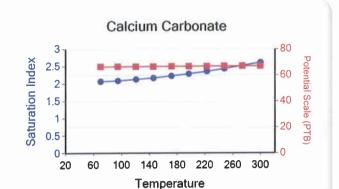
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate

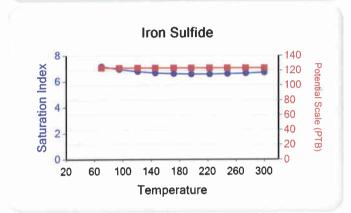
ATTACHMENT P 2045

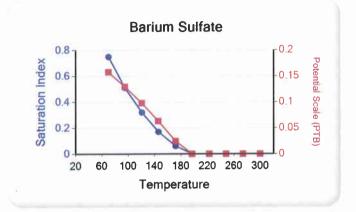
multi-chem

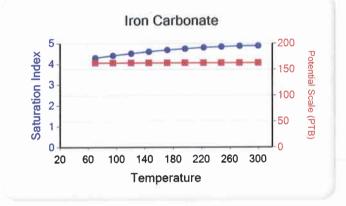
1553 East Highway 40 Vernal, UT 84078

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate









1553 East Highway 40 Vernal, UT 84078





A HALLIBURTON SERVICE

mg/L

4200.00 67.00 1024.80 0.00 0.00 0.00 0.00

# Water Analysis Report

Production Company: NEWFIELD PRODUCTION

Well Name: SWDIF
Sample Point: Comingled
Sample Date: 1/16/2012
Sample ID: WA-205549

Sales Rep: Darren Betts
Lab Tech: John Keel

Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specifics	š		Analysis @ Prop	perties in Sample Specifics
Test Date:	1/16/2012	Cations	mg/L	Anions
System Temperature 1 (°F):	300.00	Sodium (Na):	3090.28	Chloride (CI):
System Pressure 1 (psig):	1300.00	Potassium (K):	12.90	Sulfate (SO <sub>4</sub> ):
System Temperature 2 (°F):	70.00	Magnesium (Mg):	7.00	Bicarbonate (HCO3):
System Pressure 2 (psig):	14.70	Calcium (Ca):	22.40	Carbonate (CO <sub>3</sub> ):
Calculated Density (g/ml):	1.00	Strontium (Sr):		Acetic Acid (CH3COO)
pH:	6.40	Barium (Ba):	9.20	Propionic Acid (C2H5COO)
Calculated TDS (mg/L):	8436.08	Iron (Fe):	1.70	Butanoic Acid (C3H7COO)
CO2 in Gas (%):	0.00	Zinc (Zn):	0.40	Isobutyric Acid ((CH3)2CHCOO)
Dissolved CO2 (mg/L)):	99.00	Lead (Pb):	0.30	Fluoride (F):
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):
H2S in Water (mg/L):	30.00	Manganese (Mn):	0.10	Silica (SiO <sub>2</sub> ):

Notes:

P=.6

(PTB = Pounds per Thousand Barrels)

			cium oonate	Bariun	n Sulfate		ron Ilfide		ron ponate		psum 94-2H2O		estite SO4		alite IaCl	1000	Zinc ulfide
Temp (°F)	PSI	SI	РТВ	SI	РТВ	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB
70	14	0.00	0.00	1.61	5.33	1.38	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.04	0.21
95	157	0.00	0.00	1.38	5.23	1.22	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.58	0.21
121	300	0.00	0.00	1.20	5.10	1.23	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.30	0.21
146	443	0.00	0.00	1.07	4.97	1.29	0.89	0.12	0.30	0.00	0.00	0.00	0.00	0.00	0.00	8.08	0.21
172	585	0.00	0.00	0.98	4.85	1.39	0.90	0.32	0.64	0.00	0.00	0.00	0.00	0.00	0.00	7.92	0.21
197	728	0.00	0.00	0.92	4.76	1.52	0.91	0.51	0.85	0.00	0.00	0.00	0.00	0.00	0.00	7.80	0.21
223	871	0.00	0.00	0.89	4.70	1.68	0.92	0.70	0.99	0.00	0.00	0.00	0.00	0.00	0.00	7.71	0.21
248	1014	0.00	0.00	0.88	4.69	1.87	0.93	0.89	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.65	0.21
274	1157	0.22	6.88	0.88	4.70	2.07	0.93	1.07	1.13	0.00	0.00	0.00	0.00	0.00	0.00	7.63	0.21
300	1300	0.46	11.97	0.91	4.74	2.30	0.93	1.25	1.17	0.00	0.00	0.00	0.00	0.00	0.00	7.62	0.21

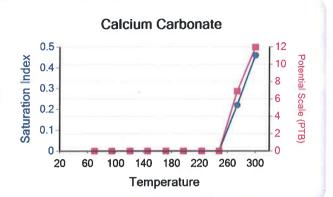
			hydrate 4~0.5H2 O		ydrate SO4		lcium oride		linc ponate		ead Ilfide		/lg cate		a Mg icate		Fe icate
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	PTB	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.32	0.12	0.00	0.00	0.00	0.00	0.00	0.00
95	157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.53	0.12	0.00	0.00	0.00	0.00	0.00	0.00
121	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.97	0.12	0.00	0.00	0.00	0.00	0.00	0.00
146	443	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.51	0.12	0.00	0.00	0.00	0.00	0.00	0.00
172	585	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.13	0.12	0.00	0.00	0.00	0.00	0.00	0.00
197	728	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.82	0.12	0.00	0.00	0.00	0.00	0.00	0.00
223	871	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.09	8.56	0.12	0.00	0.00	0.00	0.00	0.00	0.00
248	1014	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.17	8.36	0.12	0.00	0.00	0.00	0.00	0.00	0.00
274	1157	0.00	0.00	0.00	0.00	0.00	0.00	0.64	0.21	8.19	0.12	0.00	0.00	0.00	0.00	0.00	0.00
300	1300	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.23	8.07	0.12	0.00	0.00	0.00	0.00	0.00	0.00

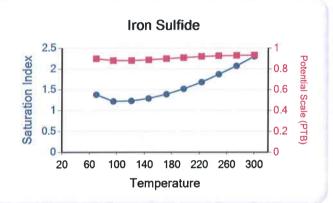
These scales have positive scaling potential under initial temperature and pressure: Barium Sulfate Iron Sulfide Zinc Sulfide Lead Sulfide

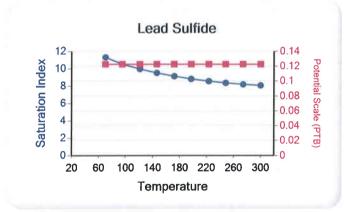
1553 East Highway 40 Vernal, UT 84078 ATTACHMENT 4 of 5

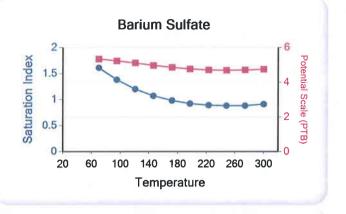


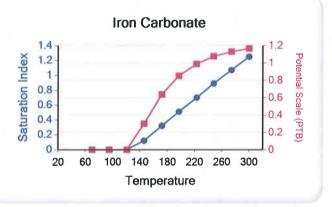
These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide

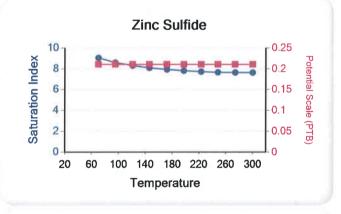


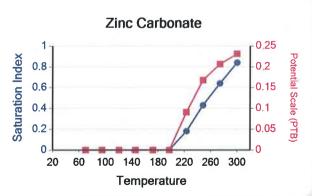












Ethics

**Multi-Chem Analytical Laboratory** 1553 East Highway 40 Vernal, UT 84078





Ethics

# Attachment "G"

# Federal #15-22-9-16 Proposed Maximum Injection Pressure

	Interval eet)	Avg. Depth	ISIP	Calculated Frac Gradient	
Тор	Bottom	(feet)	(psi)	(psi/ft)	Pmax
5574	5582	5578	2430	0.87	2394
5330	5415	5373	1976	0.80	1941
4852	4864	4858	1860	0.82	1828
4656	4662	4659	1720	0.80	1690
4425	4431	4428	1700	0.82	1671 ←
				Minimum	1671

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433\*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



# DAILY COMPLETION REPORT

WELL NAM	<u> </u>		Federal 15-2	2-9-16	Re	eport Date:	8-Jun-(	)7			Day:	1
Operation: Completion							Rig:	Ri	gless			
					WELL S	TATUS						
Surf Csg: 8	5/8'	@	323'	F	Prod Csg:	5 1/2"	@ 57	69'	Csg	PBTD:	569	7' WL
Tbg: S	ize:		Wt:	Gı	rd:	Pkr/EOT	@:		BP/Sand	I PBTD:		
				PE	RFORATIO	ON RECORD						
<u>Zone</u>			<u>Perfs</u>	SPF/#sh	ots	Zone	2	•	<u>Perfs</u>		SPF/	#shots
	diana				***************************************	CP5 sd	S	5574-	5582'		4/32	
										*********		
					IOLOGICA	L OPERATIO				o.o.n		^
Date Work P	erfori	ned:	7-Ju	n-07			;	SHP:		_SICP:		0
				FLU	IID RECOV	/ERY (BBLS)	-45					
Starting fluid I	load te	o be	recovered:	136	Starting	g oil rec to dat	e:			M070000		
Fluid <u>lost</u> /reco			***************************************			recovered to	lay:					
Ending fluid to		ecov	***************************************	'P:		il recovered:	Final Fluid	Rate:		 Final	oil cut	te.
IFL:					OHORE.		———		COS			·
			STIMULATION				,	Mooth	<u>COS</u> erford BO			\$450
Base Fluid use Company:	ea:		J	ob Type:					C NU crev	_		\$300
Procedure or	Equip	ment	detail:					ND	SI truckin	<u> </u>		\$800
								Perfo	rators LL0	<u> </u>	9	55,409
								[	Orilling cos	<u>st</u>	\$31	5,261
***************************************								E	D&M hot o	<u>oil</u>		\$386
					<u></u>	***	Loc	ation p	oreparatio	<u>n</u>		\$300
AMAN							***************************************	NP	C wellhea	<u>d</u>	9	31,500
							<u> </u>	Bence	o - anchor	<u>s</u>	9	1,200
								Admin.	Overhea	<u>d</u>	9	3,000
					<del>,</del>	***************************************		NPC	Superviso	<u>or</u>		\$300
Max TP:			Rate:		id pmpd: _		<b></b>		······································			
Avg TP:			Rate:		op pmpd:_			II V 04	DOT:		# O C	00 006
ISIP:			min:Orso	10 min:	***************************************	6 min:		ILY CO	LL COST	r.		28,906 28.906



# ATTACHMENT G-1 20-10

# **DAILY COMPLETION REPORT**

Federal 15-22-9-16

**WELL NAME:** 

Report Date: 12-Jun-07

Surf Cag: 8 5/8' @ 323'	Ope	ration:		Completi	on					Rig	j: <u>R</u>	ligless	
Perfs					* 1819		WELL S	STATUS					
Perfs   Perfs   SPF/#shots   Zone   Zone	Surf Csg:	8 5/8'	@	****	managed.	Pro	od Csg:				0000000W0.	•	·
Perfs   SPF#shots   Zone   Zone	Tbg:	Size:		W	t:	Grd:		Pk	r/EOT @:		BP/San	d PBTD:	
CP5 sds   5574-5582'   4/32						PERF	ORATI	ON RECO	<u>DRD</u>				
CHRONOLOGICAL OPERATIONS   SITP: SICP: 0	<u>Zone</u>			<u>Perfs</u>		SPF/#shot	<u>s</u>		<u>Zone</u>		<u>Perfs</u>		SPF/#shots
Date Work   Performed:   11-Jun-07   SITP:   SICP:   0		-			*****	· · · · · · · · · · · · · · · · · · ·		СР	5 sds	557	<b>74-5582</b> '		4/32
Date Work   Performed:   11-Jun-07   SITP:   SICP:   0										-			
Date Work   Performed:   11-Jun-07   SITP:   SICP:   0		····				·		-					W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-W-
Date Work   Performed:   11-Jun-07   SITP:   SICP:   0		-			_	CURONO		AL ODED	ATIONS	· · · · · · · · · · · · · · · · · · ·			
Day2a RU BJ Services "Ram Head" frac flange. RU BJ & frac CP5 sds, stage #1 down casing w/ 19,614#'s of 20/40 sand in 325 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 3280 psi. Treated @ avergessure of 2433 w/ ave rate of 244 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage ISIP was 2430. 461 bbls EWTR. Leave pressure on well. See day2b.  Starting fluid load to be recovered:    136	Data Mari	, Dorfo	rmad	-	14 lun-		LUGIC	AL OPER	AHONS		<b>.</b>	SICP	n
Ending fluid to be recovered:	İSIP was 2	.430. 4	61 bk	ols EWTR.	Leave	pressure c	on well.	See day2 VERY (BI	2b. BLS)				Those oldge
FFL:   FTP:   Choke:   Final Fluid Rate:   Final oil cut:	_							-		ALL PROPERTY OF THE PROPERTY O			
STIMULATION DETAIL   COSTS	_									I Cluid Bot		Einal	oil out:
Base Fluid used: Lightning 17   Job Type:   Sand frac   Weatherford Services   \$1,000	IFL:		FFL:	***	_		Choke:		FIIIA	I FIUIU Kat			Oli Cut.
Company:         BJ Services         C-D trkg frac water         \$810           Procedure or Equipment detail:         CP5 sds down casing         Zubiate Hot Oil         \$720           504 gals to cross link         BJ Services CP5 sds         \$18,563           2016 gals of pad         NPC Supervisor         \$300           1511 gals w/ 1-4 ppg of 20/40 sand         NPC Supervisor         \$300           3991 gals w/ 4-6.5 ppg of 20/40 sand         504 gals of 15% HCL acid         504 gals of 15% HCL acid           Flush w/ 5124 gals of slick water         **Flush called @ blender to include 2 bbls pump/line volume**         **Max TP: 2627 Max Rate: 24.8 Total fluid pmpd: 325 bbls         Avg TP: 2433 Avg Rate: 24.8 Total Prop pmpd: 19,614#'s         BJ Services CP5 sds         \$18,563           Avg TP: 2430 5 min:         10 min:         FG: .87 DAILY COST:         \$21,393							0	l fue e		Mootho			¢1 000
Procedure or Equipment detail: CP5 sds down casing         Zubiate Hot Oil         \$720           504 gals to cross link         BJ Services CP5 sds         \$18,563           2016 gals of pad         NPC Supervisor         \$300           1511 gals w/ 1-4 ppg of 20/40 sand         3991 gals w/ 4-6.5 ppg of 20/40 sand		•			Job	1ype:	Sanc	ı ırac					
504 gals to cross link  2016 gals of pad  NPC Supervisor  \$300  1511 gals w/ 1-4 ppg of 20/40 sand  3991 gals w/ 4-6.5 ppg of 20/40 sand  504 gals of 15% HCL acid  Flush w/ 5124 gals of slick water  **Flush called @ blender to include 2 bbls pump/line volume**  Max TP: 2627 Max Rate: 24.8 Total fluid pmpd: 325 bbls  Avg TP: 2433 Avg Rate: 24.8 Total Prop pmpd: 19,614#'s  ISIP: 2430 5 min: 10 min: FG: .87 DAILY COST: \$21,393					— CP5 s	sds down o	asing			***************************************			·····
2016 gals of pad  1511 gals w/ 1-4 ppg of 20/40 sand  3991 gals w/ 4-6.5 ppg of 20/40 sand  504 gals of 15% HCL acid  Flush w/ 5124 gals of slick water  **Flush called @ blender to include 2 bbls pump/line volume**  Max TP: 2627 Max Rate: 24.8 Total fluid pmpd: 325 bbls  Avg TP: 2433 Avg Rate: 24.8 Total Prop pmpd: 19,614#'s  ISIP: 2430 5 min: 10 min: FG: .87 DAILY COST: \$21,393		•	•		0.00	,	· · · · · · · · · · · · · · · · · · ·						***************************************
1511 gals w/ 1-4 ppg of 20/40 sand  3991 gals w/ 4-6.5 ppg of 20/40 sand  504 gals of 15% HCL acid  Flush w/ 5124 gals of slick water  **Flush called @ blender to include 2 bbls pump/line volume**  Max TP: 2627 Max Rate: 24.8 Total fluid pmpd: 325 bbls  Avg TP: 2433 Avg Rate: 24.8 Total Prop pmpd: 19,614#'s  ISIP: 2430 5 min: 10 min: FG: .87 DAILY COST: \$21,393		<del></del>				·····				NF	C Supervis	or	
3991 gals w/ 4-6.5 ppg of 20/40 sand  504 gals of 15% HCL acid  Flush w/ 5124 gals of slick water  **Flush called @ blender to include 2 bbls pump/line volume**  Max TP: 2627 Max Rate: 24.8 Total fluid pmpd: 325 bbls  Avg TP: 2433 Avg Rate: 24.8 Total Prop pmpd: 19,614#'s  ISIP: 2430 5 min: 10 min: FG: .87 DAILY COST: \$21,393	***************************************			ppa of 20/-	40 sand	·····			•••••		······	***************************************	***************************************
504 gals of 15% HCL acid  Flush w/ 5124 gals of slick water  **Flush called @ blender to include 2 bbls pump/line volume**  Max TP: 2627 Max Rate: 24.8 Total fluid pmpd: 325 bbls  Avg TP: 2433 Avg Rate: 24.8 Total Prop pmpd: 19,614#'s  ISIP: 2430 5 min: 10 min: FG: .87 DAILY COST: \$21,393												www.comm	
Flush w/ 5124 gals of slick water         **Flush called @ blender to include 2 bbls pump/line volume**         Max TP: 2627 Max Rate: 24.8 Total fluid pmpd: 325 bbls         Avg TP: 2433 Avg Rate: 24.8 Total Prop pmpd: 19,614#'s         ISIP: 2430 5 min: 10 min: FG: .87 DAILY COST: \$21,393													
**Flush called @ blender to include 2 bbls pump/line volume**         Max TP: 2627 Max Rate:       24.8 Total fluid pmpd:       325 bbls         Avg TP: 2433 Avg Rate:       24.8 Total Prop pmpd:       19,614#'s         ISIP: 2430 5 min:       10 min:       FG: .87       DAILY COST:       \$21,393				······································	<i>w</i> ater								
Max TP:       2627       Max Rate:       24.8       Total fluid pmpd:       325 bbls         Avg TP:       2433       Avg Rate:       24.8       Total Prop pmpd:       19,614#'s         ISIP:       2430       5 min:       10 min:       FG:       .87       DAILY COST:       \$21,393													
Max TP:       2627       Max Rate:       24.8       Total fluid pmpd:       325 bbls         Avg TP:       2433       Avg Rate:       24.8       Total Prop pmpd:       19,614#'s         ISIP:       2430       5 min:       10 min:       FG:       .87       DAILY COST:       \$21,393	**Flu	sh calle	ed @ l	olender to i	nclude	2 bbls pum	p/line vo	olume**					
ISIP: 2430 5 min: 10 min: FG: .87 DAILY COST: \$21,393	***************************************								<u>s</u>				
	_		_	***************************************		•	pmpd:	······				and the second second	401000
				***************************************				FG: <u>.87</u>				т,	\$21,393 \$350,299



# ATTACHMENT G-1 3 & 10

Day: 2b

# **DAILY COMPLETION REPORT**

Report Date: 12-Jun-07

Federal 15-22-9-16

**WELL NAME:** 

Ope	ration	<u> </u>	ompletion	1				Rig:	Rig	less	
-					WELL S	TATUS_					
Surf Csg:	8 5/8'	@	323'		od Csg:		_ @ _	5769'	_		5697' WL
Tbg:	Size:		Wt:	Grd	:	Pkr/E	OT @: _		BP/Sand	PBTD:	5510'
				PERI	FORATIO	N RECOR	D				
<u>Zone</u>		<u>P</u>	erfs	SPF/#shot			one		<u>Perfs</u>		SPF/#shots
		•				CP3		5402-		_	4/52
		//**\ <u>*********************************</u>	·	<u> </u>		CP5	sds	5574-	5582'	-	4/32
CP1 sds		5330-5	340'	4/40		,				_	
CP2 sds		5363-5	369'	4/24						mat.	
				CHRONC	LOGICA	L OPERAT	TIONS		-,		
Date Worl Day2b.	k Perfo	rmed:	11	-Jun-07				SITP:		SICP:	0
10 gals of fluid Ope	15% H n well w/ 6.5	ICL acid w/ 0 psi ppg of s	l on perfs. i on casing and. Spot	al of 116 shots (i RU BJ & frac s g. Perfs broke t 12 bbls of 15%	stage #2 ¹ down @	w/ 34,912# 3620 psi.	s of 20. Treated	/40 sand in @ ave pre	403 bbls oessure of 2	of Ligh 224 w	tning 17 frac / ave rate o
<del></del>				FI UIT	RECOV	ERY (BBL	S)				<u> </u>
Starting flu	ıid load	to be re	ecovered:	461		oil rec to					
Fluid <u>lost</u> /r		-	***************************************	403		/recovered				••	
Ending flui			red:	864 FTP:	Cum or Choke:	l recovered		Fluid Rate:	······································	Final d	oil cut:
			TIBALLI AT	ION DETAIL			_		COST		
Base Fluid	need.	_		Job Type:	Sand	frac		Weatherfo			\$2,300
Company:		BJ Serv		.,po.					frac water	_	\$1,440
Procedure	or Equ	ipment o	detail:	CP3, CP2, CP1	sds dow	n casing	_	Zub	ate Hot Oil	-	\$1,270
	•	cross lir					-	BJ Servi	es CP sds	•	\$8,595
,	3 gals c							Lone W	olf CP sds	•	\$4,100
			og of 20/40	sand						_	
2000000 - 41 THE			ppg of 20/4							_	
***************************************		······································	of 20/40 s								
***************************************		15% HO					····			•	
	. <del></del>		of slick wa	ater			<u></u>			_	
***************************************				clude 2 bbls pum	p/line vo	lume**	MO 244			•	
<del></del>		Max Ra		,		403 bbls				<del>-</del>	
_		Avg Ra	ate: <u>24</u>	<del></del>	pmpd:_	34,912#'s				-	
	: <u>1976</u>	•	nin:	10 min:	0000000	FG: <u>.80</u>	······································	DAILY C			\$17,705
Comple	etion S	upervis	sor:	Ron Shuck	P0000000		•	TOTAL WE	LL COST:		\$368,004



Rigless

40f10

Day: 2c

# DAILY COMPLETION REPORT

Federal 15-22-9-16

Completion

**WELL NAME:** 

Operation:

Report Date:

12-Jun-07

Rig:

					WELL S	STATUS				
Surf Csg:	8 5/8'	@	323'		Prod Csg:	5 1/2"	@	5769'	Csg PBTD:	5697' WL
Tbg:	Size:		Wt:	G	ird:	Pkr/	EOT @:		BP/Sand PBTD:	<u>4960'</u>
				D.E.		0N BE001	<b>D</b> D	p	lug 5510'	
<b></b>			Danfa			ON RECO			Perfs	SPF/#shots
<u>Zone</u>			<u>Perfs</u>	SPF/#sl	nots	_	<u>Zone</u> S sds	5402-5		4/52
	-	Ф <sub>10</sub> 40-11-11-11-11-11-11-11-11-11-11-11-11-11				***************************************	sds	5574-5		4/32
A1 sds	w	4852-	4864'	4/48	**************************************					
CP1 sds	<b></b>	5330-	5340'	4/40						
CP2 sds	_	5363-	5369'	4/24		MANAGE CO.		***************************************	<del> </del>	
				CHRO	NOLOGIC	AL OPERA	TIONS			<u>.</u>
Date Work	Perfo	rmed:	: 11	-Jun-07				SITP:	SICP:	1671
total of 48	shots. n casir d. Spo	RU Bang. Pe ot 12 bl	J & frac sta erfs broke d	ge #3 w/ 19,4 lown @ 3893 HCL acid in fl	73#'s of 20 psi. Treat ush for nex	)/40 sand ir ted @ ave	n 287 bb pressur BIP was	ols of Lightnin e of 1777 w/	sds @ 4852-64 g 17 frac fluid. ave rate of 24.8 bbls EWTR. Lea	Open well w. 3 bpm w/ 6.£
Starting flu	id load	to he	recovered:	864		ng oil rec to				
Fluid lost/re				287		t/recovered		······		
Ending flui				1151	Cum c	oil recovere				
IFL:		FFL:	····	FTP:	Choke:		Fina	I Fluid Rate: _	Final	oil cut:
<u> </u>			STIMULAT	ION DETAIL	-	<del></del> -			COSTS	
Base Fluid	used:	Ligh	ntning 17	Job Type:	Sand	d frac		Weatherford	d Services	\$2,300
Company:		BJ Ser	rvices					C-D trkg	frac water	\$810
Procedure	or Equ	ipment	t detail:	A1 sds down	casing			Zubia	ate Hot Oil	\$720
378	als to	cross	link					BJ Servic	es A1 sds	\$5,395
2016	gals c	of pad						Lone W	olf A1 sds	\$4,100
1511	gals v	v/ 1-4 p	opg of 20/40	) sand						
3235	gals v	v/ 4-6.5	5 ppg of 20/	40 sand						
504 9	gals of	15% H	HCL acid							
			s of slick wa	ater						
									<del>-</del>	•
**Flu	sh call	ed @ b	lender to in	clude 2 bbls p	ump/line vo	olume**				
Max TP:	***************************************		******		uid pmpd:					
Avg TP:			***************************************		rop pmpd:	······································				
•	1860	. –	min:	10 min:		FG: <u>.82</u>		DAILY CO	)ST:	\$13,325
Comple	tion S	uperv	isor:	Ron Shuck				TOTAL WE	LL COST:	\$381,329



Rigless

Rig:

5 of 10

Day: 2d

# **DAILY COMPLETION REPORT**

Report Date: 12-Jun-07

Federal 15-22-9-16

Completion

WELL NAME:

Operation:

				WELL S	TATUS_				
Surf Csg:	8 5/8	@323'	· · · · · · · · · · · · · · · · · · ·	Prod Csg:	5 1/2"	@	5769'	Csg PBTD:	WWW.
Tbg:	Size:		/t: G	rd:	Pkr/E	OT @:		P/Sand PBTD:	4760'
			<b>5</b> -	.DEODATI	ON DECOD	_	plu	g 5510' 4960'	
_		D			ON RECORI		Dor	fo	SPF/#shots
<u>Zone</u>		<u>Perfs</u>	SPF/#sl	<u>10ts</u>	<u>Zo</u> CP3 s	_	<u>Per</u> 5402-541		4/52
B1 sds	•	4656-4662'	4/24		CP5 s		5574-558		4/32
A1 sds	•	4852-4864'	4/48		<u> </u>				
CP1 sds	•	5330-5340'	4/40	······································	***************************************			······································	***************************************
CP2 sds	•	5363-5369'	4/24						
			CHROI	VOLOGICA	AL OPERAT	IONS			
Date Work	Dorfo	rmed:	11-Jun-07	10200.0.		10.110	SITP:	SICP:	1499
Dav2d.		***************************************					***************************************	······································	······································
RU WLT.	RIH v	w/ flow through	frac plug & 6' p	erf gun. S	et plug @ 4	760'. P	erforate B1 so	ls @ 4656-62	w/ 4 spf for
total of 24 s	shots.	RUBJ& frac s	stage #4 w/ 14,66 e down @ 3921	04#'S 01 2U nei Treat	1/4U sand in 2 red @ ave n	237 DDIS	of 1924 w/ av	i / trac tiulo. ( /e rate of 24 8	open well w. 8 hpm w/ 6.5
nng of sand	l Spo	ig. Fells bloke of 12 bbls of 159	% HCL acid in flu	ush for nex	t stage. ISH	ossuic Was 1	720. 1388 bb	ls EWTR. Lea	ave pressure
on well. Se			70 1102 5.575						•
			FLU	JID RECO	VERY (BBL	S)			
Starting flui	d load	to be recovered			ng oil rec to d				
Fluid lost/re	cover	ed today:	237	Oil los	t/recovered t	oday:			
Ending fluid	l to be	***************************************	1388		il recovered:				
IFL:		FFL:	FTP:	Choke: _		Final F	luid Rate:	Final	oil cut:
		STIMULA	ATION DETAIL					COSTS	
Base Fluid	used:	Lightning 17	Job Type:	Sand	l frac	١	Weatherford S	Services	\$2,300
Company:		BJ Services					C-D trkg fra	c water	\$4,335
Procedure of	or Equ	ipment detail:	B1 sds down	casing		*******	Zubiate	Hot Oil	\$630
294 g	als to	cross link					BJ Services	B1 sds	\$560
1512	gals c	f pad					Lone Wolf	B1 sds	\$4,100
1149	gals v	// 1-4 ppg of 20/	/40 sand					***************************************	····
2296	gals v	// 4-6.5 ppg of 2	20/40 sand						
504 g	als of	15% HCL acid					***************************************		
Flush	w/ 42	00 gals of slick	water						
·						*******			<del></del>
***************************************			include 2 bbls p	ump/line vo		Soundfrom		·············	
Max TP:	2237	Max Rate:	24.8 Total flu	ıid pmpd: _	237 bbls		<b>Marin</b>		
Avg TP:	1924	Avg Rate:	24.8 Total Pr	op pmpd: _	14,664#'s				
ISIP:	1720	5 min:	10 min:		FG: <u>.80</u>		DAILY COST	Γ:	\$11,925
Comple	tion S	upervisor:	Ron Shuck			ד	OTAL WELL	COST:	\$393,254



Rigless

Rig:

60F10

Day: <u>2e</u>

**DAILY COMPLETION REPORT** 

Federal 15-22-9-16

**WELL NAME:** 

Report Date: 12-Jun-07

Ope	ration:	Completi	on				Rig:	Rig	less	
				WFIL	STATUS					
Surf Csg:	8 5/8'	@ 323'	ı	Prod Csg:		@	5769'	Csg	PBTD:	5697' WL
Tbg:	Size:			rd:		_ ОТ @: ¯		BP/Sand		
	Name of the last o							plug 5510	4960	4760'
			<u>PE</u>	RFORAT	ION RECOR	D				
<u>Zone</u>		<u>Perfs</u>	SPF/#sh	<u>iots</u>		<u>one</u>		<u>Perfs</u>		SPF/#shots
D1 sds		125-4431'	4/24	·	<u>CP3</u>		5402		***	4/52
B1 sds		556-4662'	4/24		CP5	sds	5574	5582'		4/32
A1 sds	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	352-4864'	4/48	***************************************	***************************************		············		****	
CP1 sds		330-5340' 363-5369'						······································	-	···········
CP2 sds		363-3363			AL OPERAT	FIONS			····	
				NOLOGIC	AL OPERAT	IION5	CITD.		SICP:	330
Date World Day2e.	k Perforn	ned:1	1-Jun-07				SITP:		SICP.	330
rec'd. SIF		UU. 1002 DDIS	EWTR. RD B	J & VVLI.	I low well b	ack. Vi	ven nowed	or 2 nours	a dice	100 001
			ELL	IID BECC	OVERY (BBL	61				
O44! 6!-	مة لم مما لما.	ha raaayarad			ng oil rec to					
Fluid lost/g		be recovered:	200		st/recovered	-				
Ending flui		***************************************	1462		oil recovered		***************************************		•••	
IFL:		FL:	FTP:	Choke:		_ Final	Fluid Rate:		Final	oil cut:
		STIMUL A	TION DETAIL					COST	S	
Race Fluid	lucad.	Lightning 17	Job Type:	San	d frac		Weatherfo	rd Services		\$2,300
Company:		Services	_ 002 1,701					g frac wate		\$810
			– D1 sds down	casing		-		iate Hot Oi		\$720
	•	ment detail:	D i sus down	casing	,			ices D1 sds		\$22,560
	gals to cr						***************************************			***************************************
2016	3 gals of p	oad				···· «	Lone \	Volf D1 sds	<u>-</u>	\$4,100
<u>151</u>	1 gals w/	1-4 ppg of 20/-	40 sand						****	***************************************
2016	6 gals w/	4-6.5 ppg of 2	0/40 sand			*** **		.,		
Flus	h w/ 3948	gals of slick v	vater							
444						·				
  Max TP	: 2391 N	/lax Rate:	24.8 Total flu	ıid pmpd:	274 bbls					***************************************
			····	op pmpd:		-				_
•	: 1700	5 min:	10 min:		FG: .82	<del></del> <del></del>	DAILY C	OST:		\$30,490
	***************************************	pervisor:	Ron Shuck				TOTAL W	ELL COST	:	\$423,744



Labor / Welding

NDSI Wtr Disposal

CDI-pmp-T/A-S/N

**NPC Trucking** 

Mtn West Sanitation

DAILY COST:

**TOTAL WELL COST:** 

NPC Location Clean Up

\$19,500

\$3,000

\$2,055

\$300

\$600

\$300

\$160,572

\$584,316

7 of 10

DAILY COMPLETION REPORT

WELL I	NAME:		Federal	15-22-9-16	F	Report Date	: 14	-Jun-07			Day: _	3
Оре	ration		Completio	on				Rig: _	N	C#1		
					WELL	STATUS		<u></u>				
Surf Csg:	8 5/8	@	323'		Prod Csg:		@	5769'	Csg	PBTD:	5697	'WL
Tbg:	Size:		Wt	<u> </u>	3rd:	···········	EOT @:		BP/Sand			
J					•	<del></del>		pl	lug 5510	4960	4760'	
				<u>P</u> I	RFORAT	ION RECO	RD					
<u>Zone</u>			<u>Perfs</u>	SPF/#s	<u>hots</u>	_	one		<u>erfs</u>		SPF/#	<u>shots</u>
D1 sds		4425	-4431'	4/24		CP3		5402-54			4/52	
B1 sds		4656	-4662'	4/24	****	CP5	sds	5574-5	582' <u> </u>		4/32	
A1 sds		***************************************	4864'	4/48							·	···
CP1 sds	****		-5340'	4/40			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
CP2 sds		<u>5363</u>	-5369'	4/24						****		
				CHRO	NOLOGIC	AL OPERA	TIONS					
Date Wor	k Parfo	rmad	. 1	 3-Jun-07		<u> </u>		SITP:		SICP:	33	0
4.00084.84	IDLI NA	-#4 D	/II D/nmn	& pmp Lines,7	·OODM C/S	SDEN						
			<del></del>	FL	UID RECC	VERY (BB	LS)	<u> </u>				
Starting flu	uid load	to be	recovered:	1462		ng oil rec to						
Fluid lost/r				0		st/recovered						
Ending flu			***************************************	1462	Cum	oil recovered	d:					
IFL:				FTP:	Choke:	****	Final	Fluid Rate:		_Final	oil cut:	
			STIMULA	ΓΙΟΝ DETAIL					COST	<u>rs</u>		
Base Fluid	used:			Job Type:					NC# <sup>2</sup>	1	\$	1,917
Company:							******	NPC St	ıpervisior	<u>-</u>		\$300
				<del>-</del>				NDSI Wtr	Trucking	<u>]</u>		\$400
									Unichen	1		\$400
***************************************		***************************************	······································				••••	Monks Pi	t Reclain	1	\$	1,800
30060000000000000000000000000000000000							www.	NF	PC Sfc Ed	_ 7		0,000

Total fluid pmpd:

10 min:

Total Prop pmpd:

FG:

Max TP: \_\_\_\_ Max Rate:

ISIP:

Avg TP: \_\_\_ Avg Rate: \_\_\_

5 min:

Completion Supervisor: Duane Freston.



Report Date: 15-Jun-07

# **DAILY COMPLETION REPORT**

Federal 15-22-9-16

WELL NAME:

Оре	eration: <u>C</u>	ompleti	on					Rig:	NO	C#1		-
<del>_</del>	<del></del>			WE	ELL STAT	ΓUS		<del></del>	<u>-</u>			
Surf Csg:	8 5/8' @	323'		Prod		1/2"	@	5769'	Csg	PBTD:	5697	"WL
Tbg:	Size: 2 7/8	3" W1	: 6.5#	Grd:	J-55	Pkr/EO1	Г@: [		BP/Sand			
-	<u> ,                                   </u>	<del></del>		American and					plug 5510'	4960	•	
					RATION	RECORD						
Zone	_	erfs		F/#shots		Zone		£400	Perfs		SPF/#	shots
D1 sds	4425-4		4/2			CP3 sd CP5 sd		5402- 5574-		-	4/52 4/32	
B1 sds	4656-4 4852-4		<u>4/2</u> 4/4			CP3 Su	<u> </u>	33/4-	-3302	-	4/32	
A1 sds CP1 sds	<u>4652-4</u> 5330-5		4/4					***************************************			***************************************	
CP2 sds			4/2				······································					
					OGICAL O	PERATIO	ONS			-	·	
Date Wor	k Performed:	1	4-Jun-07	<u>III OII OE</u>	<u> </u>		<u> </u>	SITP:		SICP:	3	30
	WU, N/D 10,00				n Finge	ዴ 5 በበበ Ri	OP F					
Fluid lost/ <u>r</u>	uid load to be re recovered today id to be recove	<b>/:</b>	1462 0 1462		Starting oi	RY (BBLS) I rec to date covered too covered:	te: _			-		
IFL:	FFL: _		FTP:	Ch	oke:		Final	Fluid Rate:		Final	oil cut	
	TUBING DE	AIL		ROE	DETAIL				COST			`
							-		NC#1	-	\$	4,989
							200	NPC :	Supervision	_		\$300
							_	Weath	erford BOP	_		\$225
								ND	SI Trucking		\$	1,000
***************************************		***************************************	yyyy				~	B&L J-5	5 Tbg #193	•	\$2	7,752
***************************************			bolishing bodishing bodish	***************************************		***************************************			rs Pwr Swvl	-	······································	\$850
**************************************												
**************************************			****				-	DAILY C	OST:	-	\$3	5,116
Compl	etion Supervi	sor: [	ouane Fres	ston.				TOTAL WI	ELL COST:			9,432



Day: 5

# **DAILY COMPLETION REPORT**

Report Date:

18-Jun-07

WELL N	AME:	Fede	ral 15-22	-9-16		Rep	ort D	ate:	18-	Jun-07			Day	:5
Opei	ration	Compl	letion		~					Rig:	N	C#1		
					W	ELL ST	ATUS					-		
Surf Csg:	8 5/8	@ <b>323</b>	3'			Csg:	5 1/2		@	5769'	Csg	PBTD:	5	715'
Tbg:	Size:	A	Wt: 6	5.5#	Grd:	J-55	P	kr/ <u>EO</u>	<u>T</u> @:_	5623'	BP/Sand	PBTD:	5	715'
				1	PFRFO	RATION	I REC	CORD						
Zone		<u>Perfs</u>		•	#shots	1011101		Zon			<u>Perfs</u>		SPF	/#shots
D1 sds		4425-4431'		4/24			С	P3 sd	_	5402-			4/52	
B1 sds	-	4656-4662'	<u> </u>	4/24			C	P5 sc	ls	5574-	5582'		4/32	
A1 sds	<del>-</del>	4852-4864'		4/48					······································	,		•••		
CP1 sds	-	5330-5340'		4/40								<del></del> .		
CP2 sds	-	5363-5369'		4/24						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·			
				CHR	ONOL	OGICAL	OPE	RATIO	<u>SNC</u>					
Date Work			15-Jur		-u.					SITP:		SICP:		330
Pla Swyl L	/HIe T	IH W/-Tbg To o Fill @ 5651	l'. C/Out	To PB	TD @ 5	5715', Ci	arc W	ell Cle	ean 1	Hr, POOH	W/-5 Jts 1	bg, E0	OB @	D 5590'
R/U Swab,	RIH I	FL @ Surf, N	1ade 14 S	Swab F	Runs, R	lecvred	159 B	bls W	tr, Lite	rce San	Id, Lite Tro	e Oll, i b & Di	-FL ( + D/I	②, KIF ↓ Ջ DIL
VV/Ibg Io	fill (2)	5710', C/Out S/N, 1 Jt Tbo	10 PBH a 5 1/2 T	J (2) Ο 7Δ 181	/15, U	urc vveii ar SWI	6:00F	n, PO PM C/9	OH W SDFN	1-107 JIS 1	hls Wtr On	Drill O	ut To	PBTD
Recyred 15	59 Bbls	Wtr Swabbir	g, 0 1/2 1 na. Lost 7	77, 10 73 Bbls	Wtr Or	n Curc C	o.007	PBTC	), Tota	I Wtr Recv	ery For Da	y = 58	Bbls	. <del>-</del>
	· · · · · ·		<del>-</del>	F	LUID F	RECOVE	RY (I	BBLS	)					
Starting flui	id load	to be recover	red: 1	462		Starting	oil red	to da	te:			***		
Fluid lost/re	ecover	<u>ed</u> today:	58		(	Oil lost/r	ecove	red to	day:			***		
Ending fluid	d to be	recovered:	140			Cum oil ı	recove		****	· · · · · · · · · · · · · · · · · · ·		<del></del>		
IFL: S	urf	FFL:	FTP	·	Cł	noke:		T	Final F	Fluid Rate:	···	_Final o	oil cu	ıt:
<del></del> -	TUBI	NG DETAIL			ROI	D DETA	L				COST	<u>'S</u>		
											NC#1	-		\$5,323
										NPC S	Supervisior	<u> </u>	*************	\$300
										Weath	erford BOF	) 		\$225
***************************************				***************************************	-			-		Nabor	s Pwr Swv			\$850
***************************************										NP	C Trucking	]		\$600
***************************************		······································	(Y-80-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	warenesseen and the second		***************************************		······	***************************************	***************************************		***		
<u> </u>				**************************************	****								***************************************	
	·····		***************************************	,			····		000000	······································	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•••		,004 <u>, 104, 104, 104, 104, 104, 104, 104, 104</u>
								************	••••			<b></b>		
												_		
	,													
c				~*************************************		······································								
									-			_		
									*****	DAILY C	OST:			\$7,298
Comple	tion S	upervisor:	Duane	Frest	on.				-	TOTAL WE	ELL COST	:	\$6	26,730



# NEWFIELD ATTACHMENT G-/

10 of 10

\$19,916

\$646,646

DAILY COST:

TOTAL WELL COST: \_\_\_\_

# DAILY COMPLETION REPORT

WELL I	IAME:	Fe	ederal 1	5-22-9-16		Kep	oort Date	: 19-	Jun-07	••		Day: <u>6</u>
Ope	ration	Coi	npletion						Rig:	N	C#1	
					WE	LL ST	ATUS	··				<del></del>
Surf Csg:	8 5/8'	@	323'		Prod C		5 1/2"	_ @ _	5769'	Csg	PBTD:	
Tbg:	Size:	2 7/8"	Wt:	6.5#	_Grd:	J-55	Pkr/ <u>l</u>	<u>: OT @</u> :	5630'	BP/Sand	PBTD:	5715'
					PERFOR	RATIO	N RECOF	RD				
Zone		Per	s		#shots	<u>ta i ioi</u>		one		<u>Perfs</u>		SPF/#shots
D1 sds		4425-443	_	4/24			CP3			-5415'		4/52
B1 sds		4656-466		4/24			CP5	sds	5574	-5582'		4/32
A1 sds	••••	4852-486		4/48 4/40	~			······································	***************************************			·
CP1 sds CP2 sds		5330-534 5363-536		4/40	************		***					<u></u>
						GICAL	OPERA	TIONS	-			
Date Wor	k Perfo	rmed:	18-	 Jun-07					SITP:		SICP:	
6:30AM O	WU. N	D BOP. S	et T/A Ir	15,000	_ Γension,	N/U W	/-HD. R/L	J R/pmp	, Flsh Tbg	W/-60 Bbls	s Wtr, I	P/U Stroke & e pmp & Tbo Dry Gas, Uni
RIH W/-CI	DI-2 1/2	2x1_1/2x20	)x20_1/2'	RHAC &	Rod Strip	ng Sho	wn Belov	/. K/U U	nit, Hie St	anding Full	, Stroke	e pmp & lbg
10 000 FS	31 1 0s	f 11 Rhls	Mtr Flusi	ning & Eq.	N/-60 Bb	12.00 15 @ 6:	30 AM	(Final	Report ).	1011011	.9 0	., -a.,
Has 120"												
Has 120"		to be reco		1404			ERY (BBI					
Starting flu	iid load	ed today:	11	1404 Bbls	s O	tarting il lost/r	oil rec to ecovered	date: today: ຼ				
Starting flu Fluid lost/u Ending flu	iid load	ed today: recovered	11	1404 Bbls 1415	S O C	tarting oil lost/r oum oil	oil rec to	date: today: _ d:			·····	oil cut:
Starting flu	iid load ecover id to be	ed today: recovered FFL:	11  :	1404 Bbls	S O C Che	tarting oil lost/r oum oil oke:	oil rec to ecovered recovered	date: today: _ d:			 _Final	oil cut:
Starting flu Fluid lost/u Ending flu IFL:	uid load ecover id to be	ed today: recovered	11  :	1404 Bbls 1415 FTP:	S 0 0 Cho	tarting oil lost/r oum oil oke: DETA	oil rec to recovered recovered	date: today: _ d:		cos	Final	-
Starting flu Fluid lost/I Ending flu IFL: KB =	uid load ecover id to be TUBI = 12.0	ed today: recovered FFL: NG DETA	11  :	1404 Bbls 1415 FTP:	S C Cho ROD 1 1/2x26	tarting oil lost/r oum oil oke: DETA	oil rec to recovered recovered	date: today: _ d:	Fluid Rate:	COST	 _Final 	oil cut:
Starting flu Fluid lost/n Ending flu IFL:  KB =	uid load ecover id to be TUBI = 12.0 bg = 5	ed today: recovered FFL: NG DETA	11  :  L	1404 Bbls 1415 FTP:	S C Cho ROD 1 1/2x26 6' Pony	tarting bil lost/r cum oil oke: DETA	oil rec to recovered recovered IL h Rod	date: today: _ d:	Fluid Rate	cos	Final   FS 1 1	\$2,517
Starting flu Fluid lost/s Ending flu IFL:  KB = 181 Jts 1 T/A = 2.8	id load ecover id to be TUBI = 12.0 bg = 5	ed today: recovered FFL: NG DETA 553.04	11  :  L	1404 Bbls 1415 FTP:	S C Che ROD 1 1/2x26 6' Pony	tarting il lost/r um oil oke: DETA ' Polis	oil rec to recovered recovered IL h Rod	date: today: _ d:	Fluid Rate: NPC Weatl	COST NC# Supervision	Final	\$2,517 \$300
Starting flu Fluid lost/I Ending flu IFL:  KB = 181 Jts 1 T/A = 2.8	uid load ecover id to be TUBI = 12.0 bg = 5 30 @ 5	recovered FFL: NG DETA 553.04 565.04 KE	11  :   <u> L</u>	1404 Bbls 1415 FTP:	S C Cho ROD 1 1/2x26 6' Pony	tarting ill lost/r ium oil oke: DETA ' Polisi Guided ick Roo	oil rec to recovered recovered IL h Rod	date: today: _ d:	Fluid Rate:  NPC  Weath  A/Grade	COST NC# Supervision nerford BOF	Final  TS  1  0  g	\$2,517 \$300 \$225
Starting flu Fluid lost/u Ending flu IFL:  KB = 181 Jts 1 T/A = 2.8 1 Jt Tl S/N = 1.	id load recover id to be TUBI = 12.0 bg = 5 30 @ 5 og = 31	ed today: recovered FFL: NG DETA 553.04 565.04 KE 44	11  :   <u> L</u>	1404 Bbls 1415 FTP:	S C Cho ROD 1 1/2x26 6' Pony -3/4x25' (3/4x25' SI	tarting bil lost/r cum oil oke: DETA Polisi Guided cick Roc uided F	oil rec to recovered recovered IL h Rod Rods	date: today: _ d:	NPC Weatl A/Grade	COST NC# Supervision nerford BOF e Rod String	Final FS 1 1 0 0 5	\$2,517 \$300 \$225 \$13,944
Starting flu Fluid lost/u Ending flu IFL:  KB = 181 Jts 1 T/A = 2.8 1 Jt Tl S/N = 1.	TUBI: 12.0 15g = 530 @ 5 10 @ 5 10 @ 5	ed today: recovered FFL: NG DETA 553.04 565.04 KB .44 599.28 KB	11  :   <u> L</u>	1404 Bbls 1415 FTP:	S C Che ROD 1 1/2x26 6' Pony -3/4x25' G 3/4x25' G	tarting ill lost/r cum oil oke: DETA DETA United Guided lick Rod uided F	oil rec to recovered recovered recovered Rods	date: today: _ d:	NPC Weath A/Grade NPC Frac	COST NC# Supervision nerford BOF e Rod String Tnks 6x8 Dy	Final  FS  1  0  S  s  s	\$2,517 \$300 \$225 \$13,944 \$1,920
Starting flu Fluid lost/I Ending flu IFL:  KB = 181 Jts 1 T/A = 2.8 1 Jt TI S/N = 1.1	TUBI: 12.0 15g = 530 @ 5 10 @ 5 10 @ 5	ed today: recovered FFL: NG DETA 553.04 565.04 KB .44 599.28 KB	11  :   <u> L</u>	1404 Bbls 1415 FTP:	ROD 1 1/2x26 6' Pony -3/4x25' Si 6/4x25' G 1/2x25' V -2 1/2x1	tarting ill lost/r cum oil oke: DETA DETA United Guided lick Rod uided F	oil rec to recovered recovered recovered Rods	date: today: _ d:	NPC Weath A/Grade NPC Frac	COST NC# Supervision nerford BOF e Rod String Tnks 6x8 Dy	Final  TS  1  9  s  0	\$2,517 \$300 \$225 \$13,944 \$1,920 \$160
Starting flu Fluid lost/I Ending flu IFL:  KB = 181 Jts 1 T/A = 2.8 1 Jt TI S/N = 1.1	TUBI: 12.0 15g = 530 @ 5 10 @ 5 10 @ 5	ed today: recovered FFL: NG DETA 553.04 565.04 KB .44 599.28 KB	11  :   <u> L</u>	1404 Bbls 1415 FTP:	ROD 1 1/2x26 6' Pony -3/4x25' Si 6/4x25' G 1/2x25' V -2 1/2x1	tarting ill lost/r cum oil oke: DETA DETA United Guided lick Rod uided F	oil rec to recovered recovered recovered Rods	date: today: _ d:	NPC Weath A/Grade NPC Frac	COST NC# Supervision nerford BOF e Rod String Tnks 6x8 Dy Tnk 1x4 Dy PC Frac HE	Final  TS  1  9  s  0	\$2,517 \$300 \$225 \$13,944 \$1,920 \$160 \$500
Starting flu Fluid lost/I Ending flu IFL:  KB = 181 Jts 1 T/A = 2.8 1 Jt TI S/N = 1.1	TUBI: 12.0 15g = 530 @ 5 10 @ 5 10 @ 5	ed today: recovered FFL: NG DETA 553.04 565.04 KB .44 599.28 KB	11  :   <u> L</u>	1404 Bbls 1415 FTP:	ROD 1 1/2x26 6' Pony -3/4x25' Si 6/4x25' G 1/2x25' V -2 1/2x1	tarting ill lost/r cum oil oke: DETA DETA United Guided lick Rod uided F	oil rec to recovered recovered recovered Rods	date: today: _ d:	NPC Weath A/Grade NPC Frac	COST NC# Supervision nerford BOF e Rod String Tnks 6x8 Dy Tnk 1x4 Dy PC Frac HE	Final  TS  1  9  s  0	\$2,517 \$300 \$225 \$13,944 \$1,920 \$160 \$500
Starting flu Fluid lost/I Ending flu IFL:  KB = 181 Jts 1 T/A = 2.8 1 Jt TI S/N = 1.1	TUBI: 12.0 15g = 530 @ 5 10 @ 5 10 @ 5	ed today: recovered FFL: NG DETA 553.04 565.04 KB .44 599.28 KB	11  :   <u> L</u>	1404 Bbls 1415 FTP:	ROD 1 1/2x26 6' Pony -3/4x25' Si 6/4x25' G 1/2x25' V -2 1/2x1	tarting ill lost/r cum oil oke: DETA DETA United Guided lick Rod uided F	oil rec to recovered recovered recovered Rods	date: today: _ d:	NPC Weath A/Grade NPC Frac	COST NC# Supervision nerford BOF e Rod String Tnks 6x8 Dy Tnk 1x4 Dy PC Frac HE	Final  TS  1  9  s  0	\$2,517 \$300 \$225 \$13,944 \$1,920 \$160 \$500

Completion Supervisor: \_\_\_ Duane Freston.\_\_\_

# ATTACHMENT H

# WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4375'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.	Plug #2	172' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4.	Plug #3	120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5.	Plug #4	Pump 43 sx Class "G" cement down 5 1/2" casing to 366'

The approximate cost to plug and abandon this well is \$42,000.

# Federal 15-22-9-16

Spud Date: 4/17/2007 Put on Production: 6-18-2007

GL: 5846' KB: 5858'

# Proposed P&A Wellbore Diagram

Cement top @ Surface'

Casing Shoe @ 316'

Initial Production: BOPD, MCFD, BWPD

# SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (304.31') DEPTH LANDED: 316,16' KB

HOLE SIZE:12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

# Pump 43 sx Class "G" Cement down 5-1/2" casing to 366'

## PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 133 jts. (5764,96') DEPTH LANDED: 5768.96' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem, Lite II mixed & 425 sxs 50/50 POZ,

CEMENT TOP AT: Surface'

172' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale (2592'-2764')

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1282'-1402')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4375'

4425-4431'

4656-4662'

4852-4864

5330-5340'

- 5363-5369'

5402-5415

5574-5582

PBTD @ 5715'

TD @ 5800'

# NEWFIELD

# Federal 15-22-9-16

355' FSL & 1987' FEL

SW/SE Section 22-T9S-R16E

Duchesne Co, Utah

API # 43-013-33167; Lease # UTU-74392

FORM 3160-5 (August 2007)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010

	BUKEAU OF LAND MAIN								
SUNDRY	NOTICES AND REP	ORTS ON	WELLS		USA UTU-	USA UTU-74392			
Do not use t	his form for proposals t	to drill or to	re-enter an	)  -		lottee or Tribe Name.			
abandoned w	ell. Use Form 3160-3 (A	(PD) for su	cn proposai	s. ———					
SUBMIT IN	TRIPLICATE - Other	· Instructio	ns on page 2	2	7. If Unit or C	A/Agreement, Name and/or			
. Type of Well					GMBU .	GMBU .			
	Other .				8. Well Name	and No.			
Name of Operator					FEDERAL I	5-22-9-16			
NEWFIELD PRODUCTION CO	OMPANY	<del></del>			9. API Well N	0.			
a. Address Route 3 Box 3630		3b. Phone	(include ar	re code)	4301333167				
Myton, UT 84052	<u> </u>	435.64	6.3721	•		ool, or Exploratory Area			
Location of Well (Footage, 355 FSL 1987 FEL	Sec., T., R., M., or Survey Desci	ription)		•	GREATER I				
SWSE Section 22 T9S R16E					DUCHESN	E, UT .			
12. CHECK	X APPROPRIATE BOX(	ES) TO IN	IDICATE NA	ATURE					
TYPE OF SUBMISSION				PE OF A					
	☐ Acidize	☐ Deep	en	ПР	roduction (Start/Resume	) Water Shut-Off			
Notice of Intent	Alter Casing		ure Treat	• =	teclamation	Well Integrity			
Subsequent Report	Casing Repair	=	Construction	=	tecomplete	Other			
■ Subsequent Report	Change Plans		& Abandon	_ <b>_</b>	emporarily Abandon				
Final Abandonment	Convert to Injector	Plug			Vater Disposal				
B. Describe Proposed or Completed Opproposal is to deepen directionally of Bond under which the work will be of the involved operations. If the opping Abandonment Notices shall be inspection.)	or recomplete horizontally, give subs performed or provide the Bond No. peration results in a multiple comple	surface locations on file with BL etion or recomple including reclama	s and measured and M/BIA. Required etion in a new inte etion, have been co	d true verti I subsequen erval, a Fori ompleted, a	cal depths of all pertinent m t reports shall be filed withi n 3160-4 shall be filed once nd the operator has determi	arkers and zones. Attach the 1 30 days following completion testing has been completed. ned that the site is ready for final			
Describe Proposed or Completed Opproposal is to deepen directionally of Bond under which the work will be of the involved operations. If the opping Abandonment Notices shall be inspection.)	or recomplete horizontally, give subs performed or provide the Bond No. peration results in a multiple comple e filed only after all requirements, in	surface locations on file with BL etion or recomple including reclama	s and measured and M/BIA. Required etion in a new inte etion, have been co	d true verti I subsequen erval, a Fori ompleted, a	cal depths of all pertinent m t reports shall be filed withi n 3160-4 shall be filed once nd the operator has determi	arkers and zones. Attach the 1 30 days following completion testing has been completed. ned that the site is ready for final			
Describe Proposed or Completed Opproposal is to deepen directionally of Bond under which the work will be of the involved operations. If the oppinal Abandonment Notices shall be inspection.)	or recomplete horizontally, give subs performed or provide the Bond No. peration results in a multiple comple e filed only after all requirements, in	surface locations on file with BL etion or recomple including reclama	s and measured and M/BIA. Required etion in a new inte etion, have been co	d true verti I subsequen erval, a Fori ompleted, a	cal depths of all pertinent m t reports shall be filed withi n 3160-4 shall be filed once nd the operator has determi	arkers and zones. Attach the 1 30 days following completion testing has been completed. ned that the site is ready for final			
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which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction CUSTOMER NAME AND ADDRESS IL GAS & MINING

DIV. OF

Desert News

PROOF OF PUBLICATION 2012

**CUSTOMER'S COPY** 

DATE

ACCOUNT NUMBER

DIV OF OIL-GAS & MINING,	Of Ole:	9001402	2352 2/28/2012
1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114			PUBLIC NOTICE  BEFORE THE DIVISION OF OIL, GAS AND MINING
ACCOUN	T NAME		DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. U.C387
DIV OF OIL-GA	S & MINING,		BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAN NOTICE OF ACENCY ACTION CAUSE NOT COME OF ACTION OF MEMBERS IN THE MATTER OF THE APPLICATION OF NEWFIELD P TION COMPANY FOR ADMINISTRATIVE APPROVAL OF WELLS LOCATED IN SECTIONS 10, 18, 20, 22, A TOWNSHIP 9 SOUTH, EANGE 16 EAST, DUCHESNE ( UTAN, AS CASS IS HIELETON WELLS. THE STATE OF UTAN TO ALL PERSONS INTERESTED ING (the "Division") is commencing on informat adult proceeding to consider the application of Oil, Gos cling (the "Division") is commencing on informat adult proceeding to consider the application of Newfield Ind Company for administrative approval of the f wells located in Duchesne County, Utch, for conve- Class II injection wells.
TELEPHONE	ADORDER	/ INVOICE NUMI	THE STATE OF UTAH TO ALL PERSONS INTERESTED ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas o
8015385340	0000770992	1	ing (the "Diffsion") is commencing an antormal age proceeding to consider the application of Newfield flor Company for administrative approval of the f- wells located in Dichesine County, Utoh, for conve- Class II injection wells.
SCHED	DULE		Greater Monument Butte Utili:
Start 02/27/2012	End 02/27/2	012	Castle Peak State 43-10 well located in NC/A St/A, 16, Township 9 South, Range 16 East AP 43-013-30594 West Point Federal AA-18-9-16 well located in NW/A, Section 18, Township 9 South, Range 16 East AP 43-013-33463 Federal 13-38-9-16 well located in SW/A SW/A,
CUST, RI	EF. NO.		18, Township 9 South, Range 16 East API 43.013.32999 Federal 7-20-9-16 well located in SW/4 NE/4, Ser
UIC 387			API 43-013-33463 Federal 13-18-9-16 well located in SW/4 SW/4, 18, Township 9 South, Range 16 East API 43-013-32999 Federal 7-20-9-16 well located in SW/4 NE/4, Set Township 9 South, Range 16 East API 43-013-33106 Federal 11-20-9-16 well located in NE/4 SW/4, Set Township 9 South, Range 16 East API 43-013-32598 Federal 13-20-9-16 well located in SW/4 SE/4, Set
CAPT CAPT	ION.		Federal 15-20-9-16 well located in SW/4 SE/4, Sel Township 9 South, Range 16 East API 43-013-33105
PUBLIC NOTICE BEFORE THE DIVISION OF	OIL, GAS AND MI	NING DEPARTME	Township 9 South, Ronge 16 East API 43-013-33167 g. Federal 9-24-9-16 well located in NE/4 SE/4, Ser Township 9 South, Ronge 16 East
SIZ	E		API 43-013-33338 Federal 13-24-9-16 well located in SW/4 SW/4 24, Township 9 South, Range 16 East
73 Lines	2.00	COLUMN	The proceeding will be conducted in accordance was Admin. R649-10, Administrative Procedures.  Selected zones in the Green River Formation will be
TIMES	The Market State Section 19	RATE	water injection. The maximum requested injection and rates will be determined based on fracture ground formation submitted by Newfield Production Company
4			Any period designing to object to the application of interiese in the proceeding, must file a written protein the of intervention with the Division within fifteen towing publication of this notice. The Division's President
MISC: CHARGES		AD CHARGES	Township 9 South, Range 16 East AJ 43-013-32-599 Federal 15-20-9-16 well located in SW/4 SE/4, Ser-Township 9 South, Range 16 East API 43-013-33105 well located in SW/4 SE/4, Ser-Township 9 South, Range 16 East API 43-013-33105 well located in SW/4 SE/4, Ser-Township 9 South, Range 16 East API 43-013-33367 well-located in NE/4 SE/4, Ser-Township 9 South, Range 16 East API 43-013-33338 Federal 13-24-9-16 well located in SW/4 SW/4, 24, Township 9 South, Range 16 East API 43-013-333342 The proceeding will be conducted in accordance w. Admin. Ró49-10, Administrative Proceduras. Selected zones in the Green River Formation will be water injection. The maximum requested injection jain trates will be determined based on fracture graft formalign submitted by NewField Production Company Apy person destring to object to the application or interested in the proceeding, inself life a written profit for all infervention with the Division within fifteen towing publication of this notice. The Division's Fredd car for the proceeding is stand fill, Permitting Mar P.O. Box 145801, Salt Lake Chy, UT 84114-380 makes (801) 538-538-0. If such a protest or notice with the aforementioned administrative professions and for interveness should be predemonstrate at the hearing how this matter affects terests.  Duted this 21st day of February, 2012.
		TOTAL COST	rules. Protestants and/or interveners should be pre- demonstrate at the hearing how this matter affects terests.  Dated this 21st day of February, 2012.  STATE OF UTAH
	er de la companya de	IOIVE COST	STATE OF UTAH DIVISION OF OIL, GAS & MINING (5) Brad Hill
		250.28	Permitting Manager 770992
AFFI	IDAVIT OF PUBLICAT	ION	

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF PUBLIC NOTICE BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-387 IN THE MATTER FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED BY THE NEWSPAPER AGENCY COMPANY. LLC dba MEDIAONE OF UTAH, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY.

PUBLISHED ON

**SIGNATURE** 

2/28/2012

Start

02/27/2012

02/27/2012 End

VIRGINIA CRAFT Notary Public, State of Utah Commission # 581459 My Commission Expires January 12, 2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION" PLEASE PAY FROM BILLING STATEMENT

# AFFIDAVIT OF PUBLICATION

County of Duchesne, STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for consecutive issues, and that the first publication was on the 28 day of February, 20/2, and that the last publication of such notice was in the issue of such newspaper dated the 28 day of February 20 12, and that said notice was published on Utahlegals. com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

**Publisher** 

Subscribed and sworn to before me this

Notary Public



NOTICE OF **AGENCY ACTION** CAUSE NO. **UIC-387** 

BEFORE THE DIVI-**Permitting Manager** SION OF OIL, GASAND Published in the Uintah Parin Standard February

BERORE THE DIVISIONOFOIL, GASAND
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# HEVBING PUBLIC NOLICE OF

Notice is hereby given that Balland City will hold As

Published in the Uinlah 3 Basin Standard February 3 21 and 28, 2012. Rolean Rowley, Mayor

Date: February 16, latest edition). Treasury (Circular 570,

# BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

# THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

# **Greater Monument Butte Unit:**

Castle Peak State 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East API 43-013-30594

West Point Federal 4A-18-9-16 well located in NW/4 NW/4, Section 18, Township 9 South, Range 16 East API 43-013-33463

Federal 13-18-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East API 43-013-32999

Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33106

Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East API 43-013-32598

Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33105

Federal 15-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East API 43-013-33167

Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-33338

Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-33342

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of February, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Brad Hill

Permitting Manager

# **Newfield Production Company**

# CASTLE PEAK STATE 43-16, WEST POINT FEDERAL 4A-18-9-16, FEDERAL 13-18-9-16, FEDERAL 7-20-9-16, FEDERAL 11-20-9-16, FEDERAL 15-20-9-16, FEDERAL 15-22-9-16, FEDERAL 9-24-9-16, FEDERAL 13-24-9-16

# Cause No. UIC-387

# Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail legals@ubstandard.com

Salt Lake Tribune P O Box 45838 Salt Lake City, UT 84145 via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

SITLA 675 E 500 S Ste 500 Salt Lake City, UT 84102-2818

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Jean Sweet



# State of Utah

# DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

**Executive Secretary** 

Enclosure



From:

Cindy Kleinfelter <classifieds@ubstandard.com>

To:

<jsweet@utah.gov>
2/23/2012 12:02 PM

Date: Subject:

**Legal Notice** 

It will be published Feb. 28, 2012.

Thank you. Cindy



# State of Utah

# DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 21, 2012

VIA E-MAIL <u>naclegal@mediaoneutah.com</u>

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-387

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

**Executive Secretary** 

Enclosure



From:

"Stowe, Ken" <kstowe@mediaoneutah.com>

To:

<jsweet@utah.gov> 2/23/2012 12:36 PM

Date: Subject:

**Proof for Public Notice** 

Attachments: OrderConf.pdf

AD# 770992

Run SL Trib & Des News 2/27/12

Cost \$250.28

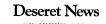
Please advise of any changes or reply with OK to publish

Thank You

Ken







# Order Confirmation for Ad #0000770992-01

Client

DIV OF OIL-GAS & MINING

**Payor Customer** 

DIV OF OIL-GAS & MINING

**Client Phone** 

801-538-5340

Payor Phone

801-538-5340

Account#

9001402352

Payor Account

9001402352

Address

1594 W NORTH TEMP #1210,P.O. BOX 145801 Payor Address SALT LAKE CITY, UT 84114 USA

1594 W NORTH TEMP #1210.P.O. BOX

SALT LAKE CITY, UT 84114

Fax

801-359-3940

Ordered By

Acct. Exec

**EMail** 

earlenerussell@utah.gov

Jean

kstowe

**Total Amount** 

\$250.28

**Payment Amt** 

\$0.00

**Tear Sheets** 

**Proofs** 

**Affidavits** 

**Amount Due** 

\$250.28

0

0

**Payment Method** 

PO Number

**UIC 387** 

**Confirmation Notes:** 

Text: Jean

Ad Type

Ad Size

Color

Legal Liner

2.0 X 73 Li

<NONE>

**Product** Salt Lake Tribune:: **Placement** 

Legal Liner Notice - 0998

**Position** Public Meeting/Hear-ing Notices

Scheduled Date(s):

2/27/2012

**Product** 

**Placement** 

Deseret News:: Scheduled Date(s): Legal Liner Notice - 0998

2/27/2012

**Product** 

sltrib.com::

**Placement** 

2/27/2012

Legal Liner Notice - 0998

**Position** 

Public Meeting/Hear-ing Notices

Public Meeting/Hear-ing Notices

Scheduled Date(s):

**Product** 

<u>Placement</u>

2/27/2012

utahlegals.com:: Scheduled Date(s):

utahlegals.com

**Position** 

utahlegals.com

**Ad Content Proof Actual Size** 

PUBLIC NOTICE

PUBLIC NOTICE

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARMENT OF NATURAL RESOURCES STATE OF UTAH

NOTICE OF AGENCY ACTION

CAUSE NO. UIC-387

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 16, 18, 20, 22, AND 24, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II NUECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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Costle Peok Stare 43-16 well located in NE/4 SE/4, Section 16, Township 9 South, Range 16 East

API 43-013-330594

West Point Federal 4A-18-9-16 well located in NW/4

NW/4, Section 18, Township 9 South, Range 16 East

API 43-013-33999

Federal 13-8-9-16 well located in SW/4 SW/4, Section 18, Township 9 South, Range 16 East

API 43-013-33999

Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East

API 43-013-33106.

18, Township 9 South, Range 16 East API 43-013-32999
Federal 7-20-9-16 well located in SW/4 NE/4, Section 20, Township 9 South, Range 16 East API 43-013-33106
Federal 11-20-9-16 well located in NE/4 SW/4, Section 20, Township 9 South, Range 16 East API 43-013-32599
Federal 15-20-9-16 well located in SW/4 SE/4, Section 20, Township 9 South, Range 16 East API 43-013-33167
Federal 9-22-9-16 well located in SW/4 SE/4, Section 22, Township 9 South, Range 16 East API 43-013-33167
Federal 9-24-9-16 well located in NE/4 SE/4, Section 24, Township 9 South, Range 16 East API 43-013-333339
Federal 13-24-9-16 well located in SW/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-3333342

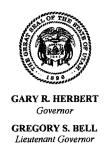
24, Township 9 south, Range 16 East API 43-013-33342
The proceeding will be conducted in accordance with Utah Admin, R649-10, Administrative Procedures.
Selected zones in the Green River Formation will be used for water nightion. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company, Any person destring to object to the application or affective intervene in the proceeding, must file a written protest or reatics of intervention with the Division within fifteen days following publication of this sociae. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 1 45801, Soit Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a bearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the bearing low this matter affects their interests.

Terests.

Direct this 21st day of February, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/ Brad Hill Permitting Manager 770992

UPAXLP



# State of Utah

# **DEPARTMENT OF NATURAL RESOURCES**

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 10, 2012

Newfield Production Company 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 15-22-9-16, Section 22, Township 9 South, Range 16 East,

SLBM, Duchesne County, Utah, API Well # 43-013-33167

# Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. The top of the injection interval shall be limited to a depth no higher than 3,722 feet in the Federal 15-22-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency

Bureau of Land Management, Vernal

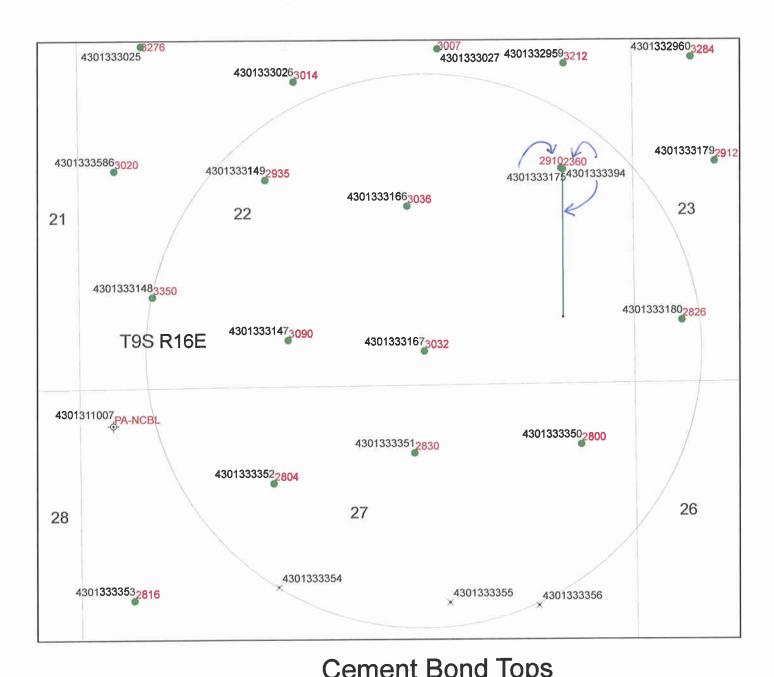
**Duchesne County** 

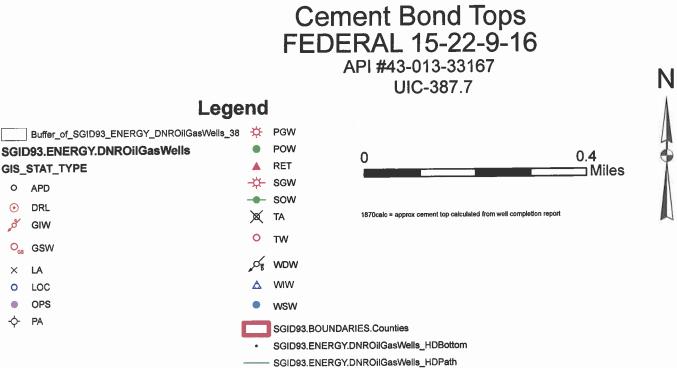
Newfield Production Company, Myton

Well File

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Wells-CbltopsMaster02\_24\_12

# DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: N	ewfield Production Company	Well:	Federal 15-22-9-16	
Location:	22/9S/16E	API:	43-013-33167	

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 316 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,769 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,032 feet. A 2 7/8 inch tubing with a packer will be set at 5,567 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 11 producing wells in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 3000 feet. Injection shall be limited to the interval between 3,722 feet and 5,715 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 15-22-9-16 well is 0.82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,671 psig. The requested maximum pressure is 1,671 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 15-22-9-16 page 2

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date2/24	/2012
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Sundry Number: 32984 API Well Number: 43013331670000

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCE: DIVISION OF OIL, GAS, AND MINII		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizont n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: FEDERAL 15-22-9-16
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43013331670000
3. ADDRESS OF OPERATOR:		PHONE NUMBER:	9. FIELD and POOL or WILDCAT:
Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4825	EXT	MONUMENT BUTTE  COUNTY:
FOOTAGES AT SURFACE: 0355 FSL 1987 FEL			DUCHESNE
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 22 Township: 09.0S Range: 16.0E Meridia	n: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	✓ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
12/4/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all	pertinent details including dates	denths volumes etc
The subject well he injection well on 1 State of Utah DOG above listed well. Opsig and charted for injecting during the	nas been converted from a pro- 12/03/2012. On 12/03/2012 Constructed concerning on 12/04/2012 the casing was 30 minutes with no pressure te test. The tubing pressure we State representative available Chris Jensen.	oducing oil well to an thris Jensen with the the initial MIT on the pressured up to 1820 loss. The well was not tas 0 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: December 24, 2012
NAME (PLEASE PRINT) Lucy Chavez-Naupoto SIGNATURE N/A	<b>PHONE NUMBEI</b> 435 646-4874	TITLE Water Services Technician  DATE 12/10/2012	

Sundry Number: 32984 API Well Number: 43013331670000

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: Unis Jensen		Date <u>  2   4   1 2</u>	Time / ʔኒ ʔ›	am om
Test Conducted by: Print	Byly			
Others Present:	,			-
Well: Februs 15-22-9-14		Field: Mov	iumint Bitt	
Well Location: Federal 15-22-9-	-11,	API No:430	1333167	
<u>Tin</u>	ne_	Casing Pressure	,	

<u>Time</u>	<u>Casing Pressure</u>	
0 min	1820	psig
5	1820	psig
10	1870	psig
15	1 ४८०	psig
20	1820	psig
25	1870	psig
30 min	1870	psig
35		psig
40	-	psig
45		psig
50		_ psig
55		_ psig
60 min		_ psig
na nressiire'	0	psiç

Tubing pressure: \_\_\_\_\_ psig

Result:

Pass

Fail

Signature of Witness:

Signature of Person Conducting Test:

Sundry Number: 32984 API Well Number: 43013331670000 =MIDNIGHT = -2000--1750--1500 -1250--1000 --750-500 CHART NO. MC M-2500-24HR 6 PM METER\_ \_\_ DISC NO. CHART PUT NO TAKEN OFF TIME / 7173 P M TIME 1: Wy M DATE 12-4-12 DATE 12-4-12 LOCATION Fishy 15-22-94 2 REMARKS M.J. 009 -094 -1000 -1250--0091 -0921--2000 01

11

NOON

Sundry Number: 32984 API Well Number: 43013331670000
Summary Rig Activity
Page 1 of 2

# **Daily Activity Report**

Format For Sundry FEDERAL 15-22-9-16 9/1/2012 To 1/30/2013

11/29/2012 Day: 1

Conversion

Stone #10 on 11/29/2012 - MIRU, flush rods with 35 BBLS - 2:00pm road rig to loc + rig up, R/D horse head Pull 6k over string WT, L/D 2 Rods. Pump 5 bbls down tbg pressure up to 1600 psi soft seat Blow hole in tbg @ 3000psi, Flush rods W/35 bbls. L/D 38 4per 3/4" rods P/U Polish rod.

Daily Cost: \$0

**Cumulative Cost:** \$12,915

# 11/30/2012 Day: 2

Conversion

Stone #10 on 11/30/2012 - 40 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 60 BBL ROD FLUSH L/D 63 4PER 3/4" RODS, 76 SLK 3/4" RODS POOH BREAK & DOPE EVERY COLLAR W/ 142 JTS TBG. L/D 38 JTS TBG, TA, 1 JT TBG, SN, 1 JT TBG, 2' PUP JT, SILVER HOG SUB, 8' PERF PUP - CREW TRAVEL SM ON L/D RODS, 40 4PER 3/4" RODS, 6 WT BARS, & PUMP. W/ 60 BBL ROD FLUSH L/D 63 4PER 3/4" RODS, 76 SLK 3/4" RODS, R/D WELLHEAD. N/U BOP. R/U FLOOR. RELEASE TA,POOH BREAK & DOPE EVERY COLLAR W/ 142 JTS TBG. L/D 38 JTS TBG, TA, 1 JT TBG, SN, 1 JT TBG, 2' PUP JT, SILVER HOG SUB, 8' PERF PUP JT, & NC. W/ 50 BBL TBG FLUSH.TIH W/ INJECTION PKR ASSEMBLY & 60 JTS TBG. EOT @ 1869,SIWFW 1 HR CREW TRAVEL

Daily Cost: \$0

**Cumulative Cost:** \$19,583

# 12/3/2012 Day: 3

Conversion

Stone #10 on 12/3/2012 - TOH breaking and doping every collar - Flush rods w/20 bbls. 40 63 4per 3/4, 76 slk 3/4, 40 4 per 3/4, 6 wt bars, pump w/60 bbls rod flush. R/D wellhead, NU bops, R/U floor, release TA. POOH breaking and doping every collar w/142 jts tubing. L/D 38 jts tbg, TA, 1 Jt tbg, SN, 1 jt tbg, 2' pup jt, silver hog sub, 8' perf pup jt. TIH w/packer assembly, + 60 jts tbg. EOT @ 1869.

Daily Cost: \$0

Cumulative Cost: \$26,601

# 12/4/2012 Day: 4

Conversion

Stone #10 on 12/4/2012 - pressure test tubing and casing - 5:30am 6:30am ct- sm- 7am flush tbg 20bw w/ho- drop st vlv- prs tst tbg 4000psi- gt- 5bw to fill- rih 80jts w/bha- 142jts-s/n- rh- pkr- xo- 4'pup- xnn- re entry- 8:15am prs tst tbg 3000psi- 3bw to fill- tst for 1hr- lost 100psi- 9:15am prs up to 3260psi- 10:45am final tst 3220psi- gt- r/u & rih sl w/ovrsht- fish st vlv- n/d Weatherford bop- 11:45am n/u wh- flush csg 40bw w/pkr fluid- n/d wh- set pkr 15k-c/e @ 4378'- 12:30am n/u wh- prs tst csg 1700psi- 3bw to fill- 2pm final tst 1680psi- gt- r/d-3pm r/r-

Daily Cost: \$0

Cumulative Cost: \$32,309

# 12/5/2012 Day: 5

Conversion

Sundry Number: 32984 API Well Number: 43013331670000 Summary Rig Activity

Page 2 of 2

Rigless on 12/5/2012 - Conduct initial MIT - On 12/03/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/04/2012 the casing was pressured up to 1820 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was a State representative available to witness the test - Chris Jensen. **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$121,143

**Pertinent Files: Go to File List** 

Sundry Number: 37685 API Well Number: 43013331670000

	STATE OF UTAH			FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING				5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392		
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.				7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: FEDERAL 15-22-9-16					
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	<b>9. API NUMBER:</b> 43013331670000					
3. ADDRESS OF OPERATOR: PHONE NUMBER: Rt 3 Box 3630 , Myton, UT, 84052 435 646-4825 Ext				9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		
4. LOCATION OF WELL FOOTAGES AT SURFACE:				COUNTY: DUCHESNE		
0355 FSL 1987 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 22 Township: 09.0S Range: 16.0E Meridian: S			STATE: UTAH			
11. CHEC	K APPROPRIATE BOXES TO INDIC.	ATE NA	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION	,					
	ACIDIZE		LTER CASING	CASING REPAIR		
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS		HANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	✓ CHANGE WELL STATUS	□ c	OMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ F	RACTURE TREAT	NEW CONSTRUCTION		
5/8/2013	OPERATOR CHANGE		LUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME		ECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION		IDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR		ENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT	WATER SHUTOFF		I TA STATUS EXTENSION	APD EXTENSION		
Report Date:		□ si	ITA STATUS EXTENSION			
	WILDCAT WELL DETERMINATION	o	THER	OTHER:		
	erence well was put on inje			Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY May 08, 2013		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto SIGNATURE N/A	<b>PHONE NUN</b> 435 646-4874		TITLE Water Services Technician  DATE 5/8/2013			

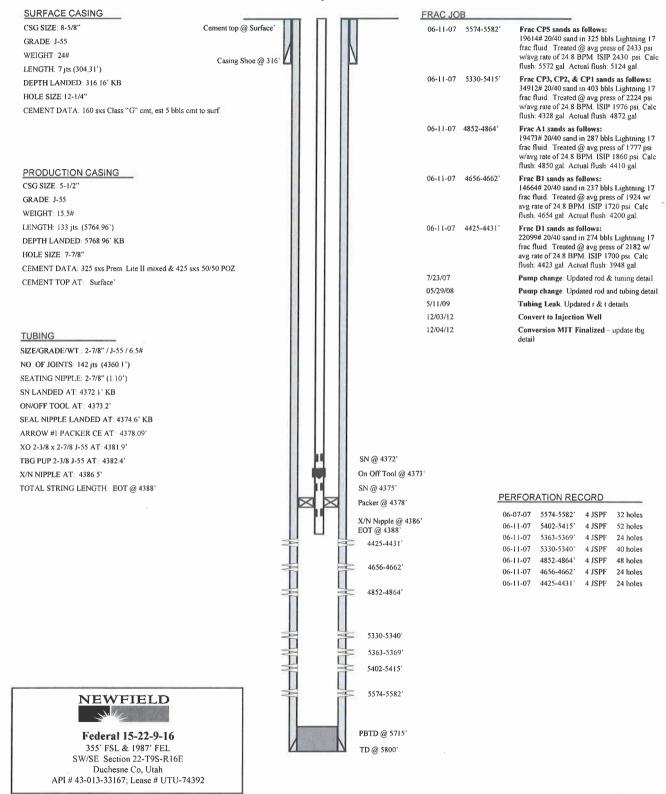
# Federal 15-22-9-16

Spud Date: 4/17/2007

Put on Production: 6-18-2007

GL: 5846' KB: 5858'

## Injection Wellbore Diagram





# State of Utah

# DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

# Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

# UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-387

Operator:

Newfield Production Company

Well:

Federal 15-22-9-16

Location:

Section 22, Township 9 South, Range 16 East

County:

Duchesne

API No.:

43-013-33167

Well Type:

Enhanced Recovery (waterflood)

# Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on April 10, 2012.
- 2. Maximum Allowable Injection Pressure: 1,671 psig
- 3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
- 4. Injection Interval: Green River Formation (3,722' 5,715')
- 5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

John Rogers

Associate Director

1/3/1<u>3</u> Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency

Bureau of Land Management, Vernal

Eric Sundberg, Newfield Production Company, Denver

Newfield Production Company, Myton

Duchesne County

Well File

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